Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 JANUARY 30, 1939 Number 5

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Volume 135 JANUARY 30, 1939 Number 5

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McK.&R. Financial Statement Issued

A tentative consolidated statement of assets and liabilities of McKesson & Robbins, Inc., and certain subsidiaries "on a going concern basis" as at November 30, 1938, "eliminating those assets presently believed to be fictitious" was issued January 22 by William J. Wardall, sole trustee of the company in reorganization.

The financial data and Mr. Wardall's comment comprised by the statement are as follows:—

On December 8, 1938, McKesson & Robbins, Incorporated, filed a petition for reorganization under chapter X of the Chandler act in the District Court of the United States for the Southern District of New York. The accountants for the trustee are presently engaged in an audit as at December 7, 1938, and December 31, 1938, and engineers for the trustee are checking the merchandise inventories as at December 31, 1938, and also establishing the merchandise inventories as at December 7, 1938. It is not expected that statements of assets and liabilities as at December 7, 1938, setting forth the condition of the company as at that date, will be available for a period of time.

However, in view of the fact that certain assets on the books of the company are believed to be fictitious or worthless and no statement has been released by the company with such fictitious or worthless assets eliminated, it is realized that some estimated statement of assets and liabilities as at a date approximating December 7, 1938, would be welcome at this time eliminating those assets presently believed to be fictitious.

Accordingly, a tentative estimated consolidated statement of assets and liabilities of McKesson & Robbins, Incorporated, and wholly-owned subsidiary companies, as at November 30, 1938, (except certain subsidiaries for which no balance sheets as at November 30, 1938, were available) has been prepared without audit or verification from the general books and from information furnished by the branches and subsidiaries adjusted to give effect to the elimination of cash, receiveables, and inventories presently believed to be fictitious, and investments in and advances to partially-owned subsidiary deemed to be valueless.

This estimated statement has been prepared on a "going concern" basis and is not intended to indicate the realizable value of assets which may be available to satisfy claims, or to indicate the possible claims which may be filed and allowed by the court against the estate of McKesson & Robbins, Incorporated, in reorganization.

The following is a summary thereof:

Assets

Cash	$3,026,000
Notes and accounts receivable, less reserve for doubtful notes and accounts	19,425,000
Estimated merchandise inventories	32,144,000
Advances to customers, installment notes and accounts, trade and miscellaneous investments, less reserves	2,379,000
Due from officers, directors and employees	111,000
Fixed assets (at valuations determined by the American Appraisal Company as at October 31, 1934, plus subsequent additions at cost), less reserve for depreciation and amortization	6,647,000
Investments in and advances to wholly owned subsidiary companies not consolidated (at the book values thereof as shown by unaudited balance sheets of said companies as at September 30, 1938, and October 31, 1938)	802,000
Unamortized discount and expenses on debentures	956,000
Other deferred charges consisting of taxes, insurance and other prepaid expenses	625,000
Goodwill, trademarks, tradenames, etc.	1
Total	$66,115,001

—Continued on page 25

F.W.D.A. to Meet In New York Feb. 7

The Federal Wholesale Druggists Association will hold its midwinter meeting February 7 to 9 in the Hotel Roosevelt, this city.

The joint session of active (wholesaler) and associate (manufacturer) members will be held February 8, beginning at 9:30 a.m. It will be under the direction of Edward T. T. Williams, of Becton, Dickinson & Co., chairman of the associate membership group.

Hotel reservations for the meeting should be made with the Roosevelt direct.

Thorp Will Advise Secretary of Commerce

OPD Washington Bureau
January 26, 1939

Harry L. Hopkins, Secretary of Commerce, announced yesterday that Dr. Willard L. Thorp will be attached to the Department of Commerce temporarily in the capacity of special assistant or economic adviser to the secretary. Dr. Thorp has received a full-time leave of absence for six months from Dun & Bradstreet, with which firm he has been associated for some time.

During recent months Dr. Thorp has been serving as a part-time assistant to the Secretary of Commerce in connection with the work of the Temporary National Economic Committee, and Secretary Hopkins stated that he will continue in this capacity in addition to other duties.

At his first press conference since being confirmed as secretary, Mr. Hopkins stated that any ideas he may have regarding the operation of the department and the improvement of business conditions will be made known in a public address which he plans to make probably within the next three weeks.

The advisory council re-elected as its chairman W. Averill Harriman, chairman of the board of directors of the Union Pacific Railroad. It elected also the following as vice-chairmen:—Clar-

—Continued on page 28

Standard Brands Defends Price Plan

OPD Washington Bureau
January 26, 1939

Attorneys for Standard Brands, Inc., New York, defended the company's policy of "combined selling" of bakers' yeast at a final argument held before the Federal Trade Commission today.

The commission has a complaint against the company alleging price-discrimination in the sale of yeast in violation of the Robinson-Patman act. The attorneys for the company told the commission that the policy has not had any of the effects outlawed by the Robinson-Patman act. They said that the difference in price at which Standard Brands has been selling yeast makes only due allowance for differences in cost of sale and delivery.

Industrial Alcohol Users Form Coordinating Council

Representatives of some twelve industrial groups using alcohol as an essential material, meeting in the Chemists' Club, this city, January 24, launched a nationwide organization, christened the Council of Industrial Alcohol Users, for the purpose of coordinating their interests and efforts to prevent unreasonable restriction of the sale and use of alcohol for industrial purposes.

The Council of Industrial Alcohol Users is designed to comprise all national trade, technical, and scientific organizations of such users, the constituent organizations being coordinated in an executive committee composed of one delegated representative of each organization. The council is the outgrowth of the recognition that unreasonable restriction of the industrial supply of alcohol might be attempted in State legislatures as a result of the recent decisions of the Supreme Court of the United States which give the States paramount powers to control intoxicating alcoholic beverages as they see fit. The possibilities consequential of these decisions were presented to the gathering by James P. McGovern, general counsel of the Industrial Alcohol Institute, who had proposed the formation of a council of industrial users of alcohol some weeks before and had promoted the conclave.

Ernest T. Trigg
Chairman, Council of Industrial Alcohol Users

The meeting was held under the sponsorship of the Industrial Alcohol Institute and was convened by Bruce Puffer, of the Commercial Solvents Corporation, vice-president of the institute. Miss R. E. Boyce, executive secretary of the institute, acted as secretary of the meeting.

In explanation of the significance of the powers of the States to control traffic in alcoholic beverages, Mr. McGovern cited many instances of legislative failure to recognize the existence of other than a beverage status of alcohol, but pointed out that the

—Continued on page 25

Carroll Dunham Smith
Vice-Chairman, Council of Industrial Alcohol Users

National Health Aid Plan Is Laid Before Congress

OPD Washington Bureau
January 23, 1939

A recommendation for legislation to create a Federal-State program for improving public health and medical care was made to Congress today by President Roosevelt.

In a brief message the President transmitted the report made last Summer by the Interdepartmental Committee to Coordinate Health and Welfare Activities, but did not comment on the specific recommendations of this group. He simply asked that the Congress make a careful study of the report and declared that Federal legislation necessarily precedes State legislation.

The program calls for Federal grants-in-aid to the States for the construction and operation of hospitals and to develop programs of medical care for both public charges and employed persons on an insurance principle. The committee also recommended that States set up temporary disability insurance systems similar to unemployment insurance and that both Federal and State governments expand existing public health and maternal and child health services.

The report of the committee was the subject of a conference held in Washington last July. It summarizes the evidence of need for a public health program as follows:—

1. Services to prevent sickness are grossly insufficient for the nation as a whole.

2. Hospitals and other organized facilities are too few, too small, or wholly lacking in many communities, particularly in rural areas. The financial support of hospital services is meager and uncertain, especially the support of services for patients who cannot pay for the care they need.

3. One-third of the population, on relief or in the low-income brackets, receives no medical service, or, inadequate service.

4. A far larger part of the nation suffers from the economic burdens created by illness. The largest of these burdens arise from the variable costs of medical services, costs which can be budgeted by the large group as a whole but not by the individual family.

5. Wage-earners and their families need protection against loss of income during periods of temporary or permanent disability.

The committee declares that these needs can be met only by application of the resources of the nation. In this belief, its recommendations envisage a flexible approach, to be made over a period of time, toward a unified program based on the principle of Federal-State co-operation. Recognizing that eventual expenditures under such a program would be considerable, it emphasizes that such amounts would represent in large part a redirection of existing expenditures for more effective, equitable, and humane use, and that additional costs would be offset to a

—Continued on page 44

Lead and Zinc Pigments Sales Decline in 1938

Sales of lead and zinc pigments in 1938 on the whole were considerably under totals for the previous year, according to the Bureau of Mines. White lead and leaded zinc oxide fared better than the others, showing declines of only 1 and 5 percent, respectively, from totals for 1937. Sales of leaded zinc oxide in 1937 were at, relatively, the peak set in 1936, so that in 1938 this pigment was far ahead of all others in relation to previous high record outputs.

Of the lead pigments, white lead in oil accounted for the only increase, sales of this product rising 9 percent. Sales of dry white lead declined 23 percent. Other decreases were:—Red lead, 15 percent; litharge, 21 percent; basic lead sulphate, 33 percent, and orange mineral, 37 percent. The figures for basic lead sulphate given in the following table do not present a true picture of the activity in this pigment. Its production has increased considerably in the past several years, but much of the increased tonnage has been for the manufacture of leaded zinc oxide and the amount so used has been elimi-

—Continued on page 32

Closing Market Developments

Soda Stannate Higher

Later in the week soda stannate advanced ½c. per pound at 30½c. to 33½c. per pound, reflecting the firmer tone in the Straits metal.

Cottonseed Oil Steadier

Refined cottonseed oil futures were quiet on Friday but the market had a steadier tone as a result of covering of shorts and trade buying. Closing prices, however, were about 10 points lower than at the end of the previous week, with May at 7.06c., July, 7.15c., and September, 7.20c. Crude oil was quiet and steady in Southern markets.

Ergot Advanced Sharply

Cables from the primary market late last week reported a sharp rise in the shipment quotation on ergot. Following receipt of the advice, local sellers became reserved and established a price of $1.35 to $1.40 per pound tentatively. Althea root declined to 24c. to 25c. per pound, reflecting a lower replacement cost.

Percy Magnus Honored By N.Y. Trade Board

Percy C. Magnus, president of Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, this city, was honored at a testimonial dinner

Percy C. Magnus

given by the New York Board of Trade, in the Waldorf-Astoria, January 26, in recognition of his services as president of the board for six years. Mr. Magnus was elected chairman of the board last

—*Continued on page* 24

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:

Ammonia Sulphate:—Expiring Netherland Indian quota restrictions on imports of alumina sulphate have been continued until November 27, 1939.

Benzol:—The importation into Switzerland of benzine and benzol for motors is subject to the establishment of reserve stocks by importers, in order to assure the national supply.

Cottonseed:—A decree of the Brazilian State of Pernambuco prohibits the exportation of cottonseed.

Liquefied Gases:—A Turkish decree law exempts from payment of custom materials used for packing compressed or liquefied gases which are assessed on the basis of their volume.

Margarin:—The Swedish import duty on margarin and lard substitutes has been continued unchanged at 0.60 crown per net kilo and the excise tax on these products at 0.45 crown per net kilo until June 30, 1939.

Intermediates:—The United Kingdom has added the following organic intermediate products to the duty-free list:—Fast dark blue salt R, rapidogen black I T, rapidogen Bordeaux R N, rapidogen golden yellow I F G, and rapidogen yellow I 4 G.

Chemical Price Changes Various

Although the movement was not so one-sided as it had been, reductions still outnumbered advances among price changes made last week in the markets for heavy and fine chemicals. Tin derivatives and alcohol were most prominent among reductions. Denaturing methanol, turpentine, and quicksilver stood out on the other side.

The volume of business again showed a little expansion. There was no evidence of a speculative or anticipatory response to conditions in Europe; nor did the apparent slimness of some inventories affect buying.

Prices were advanced on denaturing grade methanol, quicksilver, quicksilver vermilion, gum and steam-distilled turpentines, dark grades of rosin, mangrove bark, J1 and J2 myrobalans, African wattle bark, unskinned milk powder, and ground fish scrap at Baltimore.

Prices were reduced on Straits tin, stannous chloride, tin crystals, tetrachloride of tin, stannate of soda, tungstic acid, oxide of tungsten, pure and specially denatured alcohols, cadmium, menthol, lead, medium and pale grades of rosin, egg yolk, hexamethylenetetramine, imported and domestic dried blood, cottonseed hull ash, and domestic bone and tankage.

The REPORTER'S composite index number of prices of heavy and fine chemicals remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, compared with 89.8 at this time last year and 89.0 in 1937.

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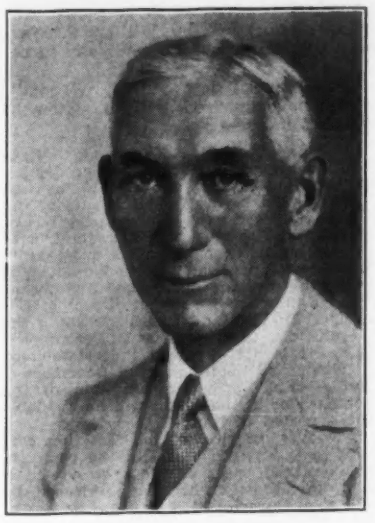
F.Carleton Smith Retires From Linseed Business

Minneapolis, Minn., Jan. 26, 1939

F. Carleton Smith, long prominent in the linseed and crushing industry, and who is vice-president of the Minnesota Linseed Oil Paint Company, plans to retire from business February 1. Mr. Smith will make his home in Southern California, following a few months of travel.

Born in Chicago in 1873, Mr. Smith started on his business career in 1888 in that city with the Belt Railway, leaving in 1893 to become affiliated with Marshall Field & Co. His first contact with the grain and linseed business was



F. Carleton Smith

in 1898, in which year he joined the Chicago office of the Armour Grain Company. The following year he was connected with the Milwaukee Elevator Company, Milwaukee, remaining with that company until 1907, and from that year until 1910 he was associated with the Lyman-Smith Grain Company. In 1910 Mr. Smith joined the Minneapolis office of Armour & Co., leaving May 11, 1912, to become manager of the cake and meal department of the Minnesota Linseed Oil Paint Company. He served in that capacity until October, 1921, when he was appointed secretary of the company. He was made vice-president in 1933.

Mr. Smith is vice-president of the Flax Institute of the United States and has been active in the affairs of the association since its inception. He was chairman of the 1932 joint flax committee of the National Paint, Oil and Varnish Association and the American Paint Manufacturers' Association, which two associations were subsequently merged to become the National Paint, Varnish and Lacquer Association. He served as president of the Minneapolis Chamber of Commerce in 1937. He is a member of the Rotary Club and also belongs to the Minnikahda Club, the Figure Skating Club of Minneapolis.

Monsanto Presents Picture of Ownership

St. Louis, Jan. 26, 1939

With a purpose of refuting statements of the close holding and control of American corporate enterprise, the Monsanto Chemical Company has made and published a survey of its stockholders. This shows that the securities of the company, a corporation or "business" of typical size, are widely held, its 1,291,816 American shares being distributed among 10,170 stockholders.

Thirty-eight hundred ninety of these owners of Monsanto stock are men; 3,714 are women; the remaining 2,566 comprise 316 joint owners, such as husbands and wives, business partners, and the like; 1,601 estates or trusts; 34 investment trusts; 42 universities or colleges; 72 insurance companies; 121 hospitals, charitable, or educational foundations; 192 brokers who own stock as individuals or for clients who have commissioned them to buy; and 188 individuals or groups of individuals who cannot be classified or who declined to identify themselves sufficiently to permit classification. Pursuing the ownership further, the researchers found that those who might be considered share-

—*Continued on page* 25

Chemical Workers Show Decrease

Employment Off 8.7 Percent —Payroll Totals Show Gain —Both Are Well Under 1937

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted a decrease of 8.7 percent from November 15 to December 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 8.9 percent below the corresponding level of December 15, 1937. Payrolls showed an increase of 0.1 percent from November 15 to December 15 and stood 1.0 percent below the corresponding level for 1937.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries December 15, 1938, was 116.9 (100 equals 1923-25 average), compared with 117.2 for November and 124.8 for last year. For payroll totals the index number was 130.2 (same basis), compared with 128.1 for November, and 131.4 for December last year.

The bureau's general index numbers for all manufacturing industries December 15, 1938, showed the following comparisons:—

	Dec. 1938	Nov. 1938	Dec. 1937
Employment ...	91.1	90.5	94.5
Payroll totals ..	86.6	84.1	84.2

Employment in the chemical group of industries was 2.8 percent above the average for all industries. Payroll totals were 5.4 percent above the general average for all industries.

Detailed Comparisons

Employment

(100 = 1923-25 average)

	Dec., 1938.	Nov., 1938.	Dec., 1937.
Chemicals	116.9	117.2	124.8
Cottonseed oil, cake and meal	112.8	116.3	131.4
Druggists' preparations	109.2	109.7	114.5
Explosives	82.7	82.8	89.3
Fertilizers	82.6	78.5	90.6
Paint and varnishes	112.4	112.4	117.2
Petroleum, refined	118.1	118.9	123.7
Rayon and allied products.	311.2	312.8	314.5
Soap	88.6	88.9	87.6

Payroll Totals

(100 = 1923-25 average)

	1938. Dec.,	1938. Nov.,	1937. Dec.,
Chemicals	130.2	128.1	131.4
Cottonseed oil, cake and meal	95.2	100.1	116.2
Druggists' preparations	120.2	119.6	123.6
Explosives	95.1	91.7	97.6
Fertilizers	70.8	65.2	81.2
Paint and varnishes	115.4	113.8	113.5
Petroleum	133.8	133.6	139.1
Rayon and allied products.	302.2	302.7	294.0
Soap	89.5	88.3	89.1

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment		Payroll Totals	
	Dec., 1938.	Nov., 1938.	Dec., 1938.	Nov., 1938.
Metalliferous mining..	62.7	62.3	54.4	51.4
Quarrying and non-metallic mining	41.5	44.2	34.3	36.8
Crude petroleum producing	67.8	68.0	62.8	62.8
Dyeing and cleaning..	98.1	102.4	68.6	73.9

Employment in New York

Employment in factories producing chemicals and related products in New York State increased 0.4 percent from November 15 to December 15, and increased 0.1 percent in the city, according to the records of the State Department of Labor.

General factory employment decreased 1.4 percent from November 15 to December 15, and payroll increased 4.2 percent during the same period. The department's index of employment for December was 81.4 percent. The payroll index was 75.9 percent. These indexes are based on the average years 1925-27 as 100.

	Percentages State.	City.
Drugs and industrial chemicals.	—0.1	—0.6
Oil products	+0.4	—1.3
Paints and colors	+2.3	+2.8
Photographic and miscellaneous chemicals	+0.5	+13.4

Chemical Industry Society To Meet February 10

The American section of the Society of Chemical Industry will hold a meeting in the Chemists' Club, this city, February 10, at 8:00 p. m. This is to be held jointly with the American Chemical Society. Dr. Wanda K. Farr, director of the cellulose laboratory of the Chemical Foundation at Boyce Thompson Institute, will speak on "Viscose Rayons." A dinner will be held at the club preceding the meeting and starting at 6:45 p. m.

Phila. Drug Exchange Headed by Brendlinger

At its seventy-eighth annual meeting, January 24, the Philadelphia Drug Exchange elected the following officers:—

President, E. Leidy Brendlinger, of the Dill Company, Norristown, Pa.

Vice-president, Dr. Charles E. Vanderkleed, of McNeil Laboratories, Inc.

Secretary, J. Mervin Rosenberger, of Smith, Kline & French, Inc.

Treasurer, Harold C. Halberstadt.

Other members of the board of directors, R. G. Anderson, George F. Applin,

E. Leidy Brendlinger
New President, Philadelphia Drug Exchange

R. A. Cain, Harry Z. Krupp, Walter P. Miller, jr., E. S. Paisley, Frank F. Law, Bruce Ludgate, and H. H. Whyte.

Mr. Brendlinger is a native of Roxborough, Pa., a graduate of the Norristown High School, and of the University of Pennsylvania with the degree of

—*Continued on page 28*

F.T.C. Order Against 'Big Dealer' Discounts

The American Optical Company and the Bausch & Lomb Optical Company have been served by the Federal Trade Commission with orders directing them to cease and desist from price discriminations in violation of the Robinson-Patman act.

Respondents in the two cases are:—The American Optical Company, a voluntary association, and its officers, and American Optical Company, a corporation organized to transact business in certain States where the association does not operate, the corporation's capital stock being owned or controlled by the association; the Bausch & Lomb Optical Company, Rochester, N. Y.; the Colonial Optical Company, New York; McIntire, Magee & Brown Company, Philadelphia; the Riggs Optical Company, Consolidated, Chicago; Riggs Optical Company, Inc., San Francisco; the Southeastern Optical Company, Richmond, Va.; and the White-Haines Optical Company, Columbus, Ohio, the six last named respondents being wholesalers in which Bausch & Lomb owns a controlling voting stock interest.

Findings are that the American Optical Company's products are manufactured at Southbridge, Mass., and distributed through 220 branch stores operating as wholesale outlets for adjacent territories. Bausch & Lomb Optical Company's products are distributed chiefly through the six respondent wholesaler corporations. These wholesalers, it was found, deal principally in Bausch & Lomb merchandise, their pricing policies are coordinated and controlled by Bausch & Lomb, and such merchandise is sold by each of them at uniform prices fixed by Bausch & Lomb.

Each group of respondents is ordered to cease and desist from discriminating in price between different purchasers of optical and ophthalmic products of like grade and quality, either directly or indirectly, by granting or allowing certain cumulative or volume discounts or by continuing in effect their "big dealer" discount plans.

The orders also direct the respondents to cease and desist from discrimi-

—*Continued on page 25*

Wood Preservers Discuss Methods, Agents, and Uses

OPD Washington Bureau
January 26, 1939

The American Wood Preservers Association closed its thirty-fifth annual meeting today with the election of new officers and the selection of St. Louis as the place for its 1940 convention.

The three-day session of the annual meeting was devoted to presentation and discussion of a large number of committee reports and special papers dealing with the improvement of wood-treating processes and the development of new uses for treated wood. An unusual feature of the meeting was a special session devoted to the use of treated timber by the Federal government, which was addressed by representatives of the United States Forest Service, procurement division of the Treasury Department, Navy Department, Bureau of Public Roads, and Rural Electrification Administration.

The committee on preservatives, of which R. E. Waterman was chairman, presented a report on the matters intrusted to it at the 1937 meeting—revision of the manual and study of toxic materials as to suitability for wood preservation. The latter topic included analysis of data on the use of creosote and mixtures of this agent with petroleum or coaltar and a study of the use of mixtures of zinc chloride and sodium bichromate.

Manual standards were approved for the determination of tar acids in creosote oil and for specifications for preservative oils for nonpressure treatments. A new tentative standard was recommended for volume correction tables for petroleum oils.

The report included a comprehensive appendix on the effect of sodium bichromate on the preservative value of zinc chloride. This described the considerable amount of work which had been done on the problem of adding to the preservative value of zinc chloride. A combination of zinc chloride, 81.5 percent, and sodium bichromate, 18.5 percent, had been developed. This proportion of the two salts was designed so that with a three-quarter pound per cubic foot treatment, there would be at least one-half pound per cubic foot of unchanged zinc chloride in the wood.

Data were presented, both on the basis of laboratory tests and of outdoor accelerated service tests, which showed that the addition of sodium bichromate increased very substantially the value of zinc chloride as a wood preservative. Further data demonstrated that wood impregnated with three-quarter pound per cubic foot of this zinc chloride-sodium bichromate mixture contains slightly more than one-half pound unaltered zinc chloride per cubic foot.

From this, it was concluded, that treatment of wood with the recommended retention of the zinc chloride-sodium bichromate mixture represented both a standard zinc chloride treatment, to which the association's long time and well authenticated service records are applicable, and a supplementary treat-

—*Continued on page 32*

Compressed Gas Makers Name Lavedan President

The production and distribution of compressed and liquefied gases was substantially improved, both scientifically and commercially, during 1938, according to reports submitted by members of the Compressed Gas Manufacturers' Association, at its twenty-sixth annual meeting, held January 23-24 in the Waldorf-Astoria, this city. P. F. Lavedan, vice-president of the Liquid Carbonic Corporation, New York, was elected president of the group for 1939.

Other officers elected were:—First vice-president, G. O. Carter, of the International Acetylene Association, and second vice-president, D. A. Prichard, of Canadian Industries, Ltd., and secretary-treasurer (re-elected), Franklin R. Fetherson.

A meeting of the manufacturers of refrigerant gases committee opened the first day of the meeting. Representatives of the manufacturers present tentatively voted to continue its subscription to the joint refrigeration industry committee, which, it was reported, had been active in the past year in the preparation of a safety code for refrigeration installations. Endorsement of the code by committee B-9 on refrigeration of the American Standards Association, was said to be probable in the near future. It was pointed out that the standard code could then be recommended to municipalities where agitation for refrigeration ordinances exists, and thus promote uniformity among local laws.

The afternoon of the first day was given over to the annual business session of the association. F. R. Fetherston, secretary-treasurer of the organization in his financial report, revealed that the association had remained within its budget during the year past and was in excellent shape at the close of the year. It was voted to bestow honorary membership upon two members of the organization for their service in past years. The members so honored were Eugen Becker, of the Metal & Thermit Corporation, this city, and Edmund C. Turner, of the Air Reduction Company, this city.

At the closing session of the meeting

—*Continued on page 32*

Phosphate Promotion By U.S. Recommended

OPD Washington Bureau
January 23, 1939

Construction of a government plant for the experimental production of concentrated phosphate fertilizer from Western ores and further government activities to increase the consumption of phosphate fertilizers by farmers were recommended to Congress today by the joint committee appointed last year to investigate phosphate resources.

Stressing the need for further use of phosphates for soil conservation, the committee commended the policy of the Agricultural Adjustment Administration in distributing fertilizer in lieu of cash benefit payments and suggested that both private industry and the government expand production facilities to meet anticipated requirements for concentrated phosphate.

Other recommendations were that Congress authorize further study of phosphate and other mineral resources of the United States; that the United States Geological Survey make a study of the phosphate and potash reserves; that the government continue its experimental production of phosphate fertilizer and its distribution for demonstration purposes; and that the gov-

—*Continued on page 54*

Fertilizer Wage Data Given Contracts Board

OPD Washington Bureau
January 26, 1939

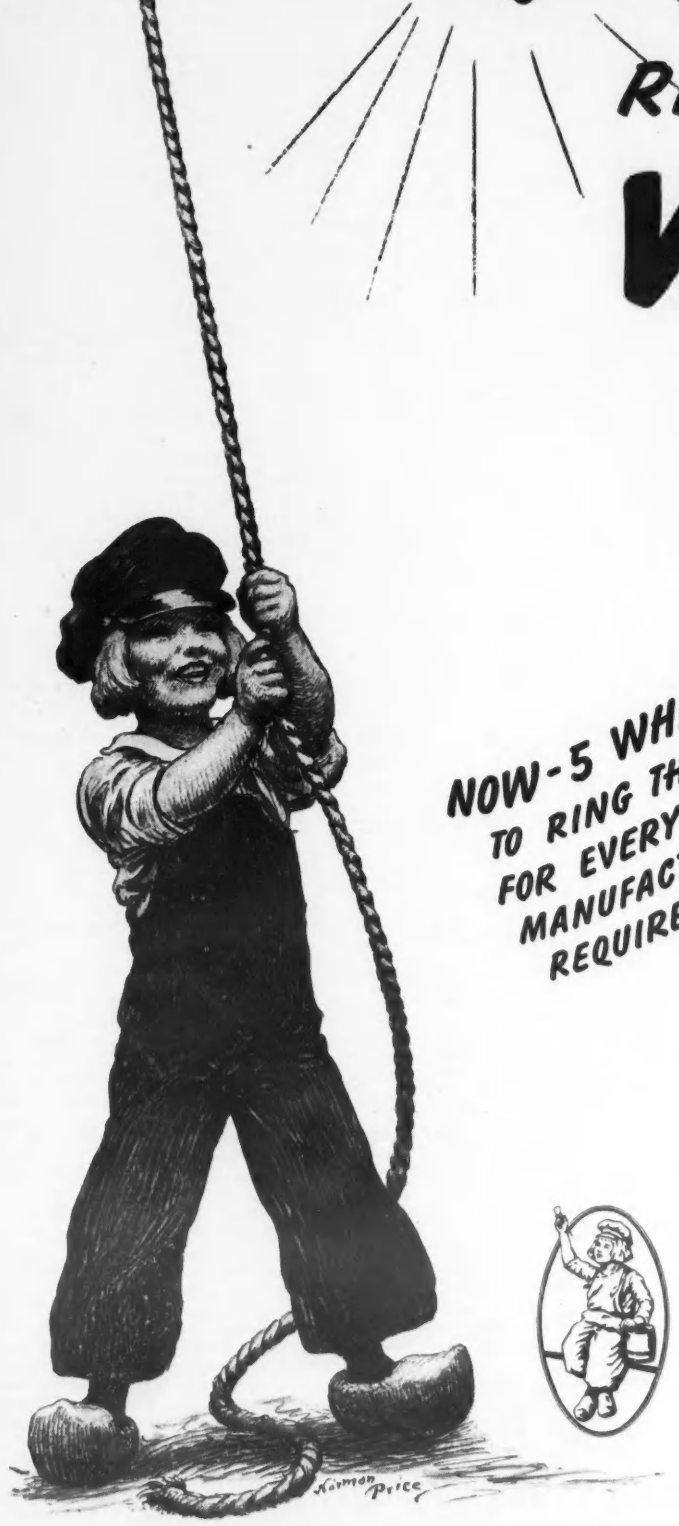
Extensive data pertaining to wages paid in the fertilizer industry were submitted to the Public Contracts Board today at a hearing preparatory to establishing minimum wages to be paid by plants supplying fertilizer to the Federal government under the terms of the Walsh-Healey act.

Discussion centered almost entirely around a report on average hourly earnings in the fertilizer industry in 1938 prepared for the Public Contracts Division by the Bureau of Labor Statistics and previously distributed to the industry. No witness offered any objection to the basic facts in this report, and few additional data were submitted bearing directly on the matter of minimum wages paid in the industry, although the suggestion was made that this report might now be obsolete as to certain low minimums because of the enactment of the federal wage and hour law.

In order to supply the board with background information regarding the industry, John H. Klingenfeld, chief of the reasearch section of the Public Contracts Division, introduced in evidence a number of published documents including reports of the census of manufactures, the NRA fertilizer code, statistics on purchases of triple superphosphate made by the Federal government subject to the Walsh-Healey act, a chart showing average earnings of employees in the industry taken from monthly reports of the Bureau of Labor Statistics, a Tariff Commission report on the phosphate industry, and

—*Continued on page 46*

RINGING IN A WIDER CHOICE OF WHITE-LEADS



NOW-5 WHITE-LEADS TO RING THE BELL FOR EVERY PAINT MANUFACTURING REQUIREMENT

YES, the Dutch Boy is pulling for all he's worth. And why not! After all, a line of five white-leads is something worth celebrating. With five different kinds to choose from, the paint manufacturer has a much better chance to get a white-lead having *exactly* the paint-making characteristics he wants.

Here's the wide choice that the Dutch Boy offers: First, you have those two old standbys, Dutch and Carter. Next comes H.T.S. with its increased paint-thickening power, tinting strength and hiding power. Then there are the new 333 and 111 White-Leads. Both have higher paint-thickening power, tinting strength and hiding power than any other white-lead on the market. For example, No. 111 rates about twice as high in these qualities as Dutch.

Remember that no matter which one of the five you choose, you can be sure of uniformity. Remember, also, that the more white-lead you use the better the paint. Step up the white-lead in your formula—and you automatically step up the quality and durability of your paint.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 1213 W. Third St., Cleveland; 722 Chestnut St., St. Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Phila.

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
65% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots. .....lb. 1.30 - 1.45
cns., 25 lbs. .....lb. 1.15 - 1.25
dms., 100 lbs. .....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.96
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls. .....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls. .....100 lbs. 6.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs.14.00 - —
99.5%, bbls .....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls. .....100 lbs. 10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 90.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls. .....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls. .....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls. .....100 lbs. 7.68 - 7.92
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dels., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11⅛
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14½- .15
Chinawood oil, dms.....lb. .19½- .20
Chlorosulphonic, dms., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .15¼- .17¼
Acid, cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .21 - —
cryst., gran., 10,000-lb. lots, one shipt..lb. .21¼- —
smaller lots.....lb. .22 - —
kegs .....lb. .22½- —
anhyd., gran, dms., 10,000 lbs., 1 shipt..lb. .24 - —
smaller lots.....lb. .24½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¾- .09¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
imported, pale, dms., l.c.l.gal. .62 - .66
dark, dms., l.c.l.....gal. .61 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10¼- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11¼- —
inland territory, cbys., c.l.lb. .1125- —
l.c.l., 25 and over.....lb. .1225- —
1-24 .....lb. .1295- —
southern territory, cbys., c.l. lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1330
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
5lb. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.50 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1500
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works...100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11⅛
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12⅝- .13⅝
1 to 4, edible, bbls., cbys., lb. .11½- .12⅛
plastic grade.....lb. .13¼- .14⅛
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22⅛
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, C.P., USP, dealers, cbys..lb. .06½- —
6-lb. bots. .....lb. .18½- —
consumers, cbys. .....lb. .08 - —
6-lb. bots. .....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l..... .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
71b. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14½
Phenylacetic, bots. .....lb. 1.75 - 5.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07¼- —
USP, 85%, s. g. 1.710, cbys., 150 lbs..lb. .13 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns, 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .25 - —
Propionic ref., cbys., works..lb. .26 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.60
resubl., cns.....lb. 2.05 - 2.10
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .95 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.16.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .75 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27½- —
smaller quantities .....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots. .....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1. bls.....lb. .93 - 1.15
3, bls. .....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —

Acacia—Aloe

Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld..lb. .52 - .60
import, bgs. .....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .73 - .75
dom., pwd., dms., bbls., lb. .77 - .85
import, cs.....lb. .73 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, sans .....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.90 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
com'l., dms. .....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Anhydrous, 2c. per gal. higher.
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .31,- —
l.c.l., works, dms.....gal. .33 - —
tanks, E., works.....gal. .23 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .28 - —
19 bbls., E. works...gal. .30 - —
gal. .33 - —
1 to 18 bbls., E. works. gal. .33 - —
dms., c.l., E. works....gal. .27 - —
19 dms., E. works...gal. .29 - —
1 to 18 dms., E. works, gal. .32 - —
tanks, E. works.....gal. .21 - —
Anhydrous, 2c. per gal. higher.
SD-2B., dms., c.l., works., E. gal. .26 - —
19 dms., works, E...gal. .28 - —
1 to 18 dms., works, E. gal. .31 - —
tanks, E., works.. ...gal. .20 - —
SD23-G, works, E., dms..gal. .31½- —
19 dms.....gal. .33½- —
1 to 18 dms.....gal. .36½- —
tanks .....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .28 - —
20 dms., E. works...gal. .30 - —
1 to 19 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.54½- —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.50½- —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.47½- —
absolute, dms., c.l.....gal. 4.86 - —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl (see Isopropyl).
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50

Aloin—Black, Graphite

Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .32 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 2.15 - —
dlvd. N.Y. Phila....100 lbs. 2.15 - —
lump, bbls., works....100 lbs. 2.40 - —
dlvd., N.Y., Phila..100 lbs. 2.40 - —
powds., bbls., works....100 lbs. 2.55 - —
dlvd. N. Y., Phila..100 lbs. 2.55 - —
powd., bbls., works....100 lbs. 2.55 - —
dlvd., N. Y., Phila....100 lbs. 2.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. areas (except N.Y.) dlvd. N.Y. prices apply to truck or ex warehouse.

add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point;

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
32%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
bbls., l.c.l., works, frt. equaled..100 lbs. 1.60 - —
iron-free, bgs., c.l., works 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l.....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard. dms., 1,500 lbs..lb. .42 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs..lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for400-1,500 lbs., for partial shipments on contracts, prices are 5c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb. .04¼- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l.....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works.. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Ammonia, bichromate, bbls...lb. .30 - .32
fluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .18
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .30 - —
cns. .....lb. .32 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
Jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.53 - —
jars .....lb. 3.46 - —
Laurate, bbls .....lb. .24 - —
Linoleate, 80%, anhyd., bbls. lb. .13 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthanate, bbls. .....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade). 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous .....lb. .23 - —
paste .....lb. .08 - —
Sulphate, dom., bulk, c.l., f.o.b. Jan.-June shipt.....ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-45%, basis 100%, dms., works..lb. .12 - .13
tanks, delvd. .....lb. .11 - —
33%, cbys., wks.....lb. .07½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75

Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- .11½
l.c.l., dlvd.....lb. .11 - .12
tanks, dlvd.....lb. .09½- .10
cns., works.....lb. .15 - .17
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .18 - .20
import, natural, bls.....lb. .20 - .22
twisted, bls. .....lb. .29 - .30
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs.....lb. .14½- .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07½- .08
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot .....lb. .11¾- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11½- —
l.c.l. .....lb. .12¾- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .30 - .31
Root, bls.....lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs. .....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton. 19.00 - —
7K, bgs , c.l. (20 tons), Canad. mines..ton. 16.50 - —
7M, bgs , c.l. (20 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 90.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .19 - .20
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs.....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¾
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Barium, sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 28.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 42.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .82½- .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .12 - .14
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs...lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .10 - .17
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.98
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12¼- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., .l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher. ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16¼- —
4, bgs., c.l., works.....lb. .27½- —
4, cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).

Black, iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .09¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works, lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .06¾- —

Black dyes are listed under dyes.

Black Haw, root bark, bls....lb. .21 - .22
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton.3.30 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.35 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.95 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11½- .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.80 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .34 - —
C, bbls., same basis..lb. .23 - —
D, bbls., same basis..lb. .22 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis..lb. .32 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .20 - —

Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.

Bluefing root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l. f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.26.00 - —
import, bgs., c.i.f., ports.ton.26.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.25.00 - —
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.00 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton. Nom.
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.22.00 - —

Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .19 - .20
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -73.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -63.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 2.25 - 2.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .60
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .60
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip. cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works...lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¾- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05¾- —
raw, American, bbls., works, lb. .03¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12¼- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston...lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0435- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - 11
Buchu leaves, bls.....lb. .32 - .34
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09 - —
l.c.l., contract, frt. alld..lb. .09½- —
tanks, contract, frt. alld..lb. .08 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
Caffeine, 10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more.lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .39 - .40
peeled, bls.....lb. .12 - .14
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80% CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphocarbolate, bbls.,200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.36 - —
Camphor, natural, powd., cs...lb. .50 - .51
slabs, cs.....lb. .50 - .51
tablets, tins.....lb. .55 - .56
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots, lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04 - .04½
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .04½- .04½
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¾- .07¼
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .83 - —
l.c.l., works.....lb. .84 - —
tanks, works.....lb. .82 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l...gal. .66½- —
l.c.l. .....gal. .73 - —
5-10 gal., dms., c.l.....gal. .90 - —
l.c.l. .....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., gal. .73 - —
l.c.l. .....gal. .80 - —
5-10 gal. dms., c.l.....gal. .97 - —
l.c.l. .....gal. 1.07 - —
Zone, 3, 52½ gal. dms., c.l., gal. .80 - —
l.c.l. .....gal. .86 - —
5-10 gal. dms., c.l.....gal. 1.03 - —
l.c.l. .....gal. 1.13 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5-10 gal. dms., c.l.....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
tanks .....lb. .04¾- —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Black—Cinchona Bark

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .85 - .87
green, bgs.....lb. .55 - .57
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .10½- .11
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .00 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08½- .09
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .09 - .09½
5 tons, works.....lb. .10½- —
smaller lots, works.....lb. .11½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty paid..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16½- .17
broken, bls.....lb. .10¼- .10½
shortstick, bls.....lb. .12½- .13
China, rolls, select, bls.....lb. .14 - .14½
broken, extra, bls.....lb. .10½- .11½
Saigon, bls.....lb. .16½- .18
Cassia, buds, cs.....lb. .16 - .16½
Cassia fistula, bakts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, bls.....lb. .17 - .18
Celery seed, French, bgs.....lb. .13½- .14
Indian, bgs.....lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .36 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs...lb. .21 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works...ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works...ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., cks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equalled..100 lbs. 2.00 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 2.15 - —
2, works, frt. equaled..100 lbs. 2.40 - —
1, works, frt. equaled..100 lbs. 2.85 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr. bbls.....lb. .05 - .06
Chrome, cake, bulk, c.l., works, ton.14.00 -15.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .24 - .25
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .45 - .50
short, bgs.....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20

Cinchonidine—Ethylene Dichlor.

Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15½- .16
3 bls.....lb. .15 - .15½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.65
Clove, Madagascar, bls.....lb. .17 - .17½
Zanzibar, bls.....lb. .18 - .19
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works.....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .80 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms.....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .11¾- .12
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. *.08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs.....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .30
Colombo root, bls.....lb. .07½- .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .22½- .23
S.A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .25 - .30
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
bbls., l.c.l., 25 cr over, works..100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0170 Nom.
Coriander seed, Morocco, bgs..lb. .04¾- .05¼
bleached, bgs.....lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.09 - —
ex whse.....100 lbs. 3.19 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.12 - —
43°, bbls., c.l.....100 lbs. 3.17 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.20 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .19 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs.....lb. .08 - .08¾
Morocco, bgs.....lb. No stocks.
Culver's root, bls.....lb. .13 - .14
Cutch, Philippine, extract, solid bags..lb. .04½- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns..lb.10.00 -11.00
30% rotenone, cns.....lb. 5.50 - 6.50
25% rotenone, bulk, cns....lb. 3.60 - 6.00
15% rotenone, bulk, cns....lb. 2.10 - 4.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¼- .08
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l.....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, comi., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate.....lb. .23 - —
Oleate, light, bbls.....lb. .21 - —
Stearate.....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilleseed, recleaned, bgs.....lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. **.18½- —**
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. **.23 - —**
l.c.l., dms.....lb. .24 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 99° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .25 - .30
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18½- —
oily, dms.....lb. .09 - —
Dierthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .18 - —
l.c.l., works.....lb. .19 - .20
Oxide, perfume grade, cns....lb. .50 - .55
Diphenylamine, bbls.....lb. .51 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vls.....oz.84.50 -85.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.13.50- —
1180 Sodium indigo disulphonate, cns..lb.13.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 3.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
21 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
170 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
242 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .80 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .33 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
496 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.35
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF..lb. .55 - 1.00
581 Direct black EW.....lb. .35 - .50
582 Direct black RX.....lb. .35 - .45
598 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 2.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .80
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .50 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .90
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1076 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 4.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown.....lb. 1.35 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
Orange, red shade..lb. .75 - —
Red:—
76 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
880 Oil violet.....lb. .50 - —
Yellow:—
16 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.35 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black B, lb. .50 - —
865 Nigrosin.....lb. .35 - —
678 Methylene gray.....lb. 1.80 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin.....lb. .97 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .55 - —
Brown:—
234 Resorcin brown Y...lb. .95 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .97 - —
798 Phosphin.....lb. 4.65 - —
Green:—
3 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .54 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .63 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin.....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein 3B..lb. .63 - —
677 Fuchsin.....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin.....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .55 - —
Yellow:—
10 Naphthol yellow S..lb. .60 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin.....lb. .80 - —
655 Auramine.....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen).
yolk, bbls.....lb. .65 - .67
Elder flowers, bright, bls.....lb. .20 - .22
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .24 - .25
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .11 - .12
Ephedrine, tins, 1,000 ozs....oz. 2.15 - —
tins, 100 ozs.....oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs., oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Sulphate, cryst., 1,000 ozs....oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.33.00 -34.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½- —
l.c.l., dlvd.....lb. .25 - —
cns.....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld..lb. .0635- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
Acetate, N. F., VI, 99%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb **.12 - .13**
USP, VIII, 90%, dms., 460 lbs., lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 5.25 - —
5 lb. lots.....lb. 5.30 - —
1 lb. lots, cns.....lb. 5.40 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .42 - —
contracts, frt. alld.....lb. .47 - —
100 lbs., frt. alld.....lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
West of Rockies, same basis..lb. .0694- .07

Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08¼
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada ,cns....gal.10.50 -11.00
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.32.00 -35.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.48.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .12 - .13
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
Imported, 85% not over 5% duty paid..ton.23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .10 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .10 - .11
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases .....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls. .....lb. .06½- .09¼
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅞
60-62, 390 e.p., bulk, export, gal. .04¾- .04⅞
60-62, 400 e.p., bulk, export, gal. .04¾- .04⅞
64-66, 375 e.p., bulk, export, gal. .04⅞- —
Louisiana-Arkansas, US motor, 62 octane, tanksgal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04⅝
67-69 octane, tanks....gal. .04⅝- .05
70-72 octane, tanks....gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks .....gal. .04 - —
third grade, tanks..gal. .04 - —
63-68 octane, tanks....gal. .03⅞- —
67-69 octane, tanks....gal. .04½- —
70-72 octane, tanks....gal. .04⅝- —
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅜- —
18-lb. v.p., tanks.....gal. .02⅝- .02¾
22-lb. v.p., tanks.....gal. .02⅝- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks.. gal. .05 - —
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04⅝- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .03¾- .06¼
Cochin, lemon, bgs.....lb. .06 - .06½
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs....lb. .09 - .09¼
medium, bold, bgs.....lb. .11½- .12
Japanese, bgs.....lb. .06 - .06½
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 16 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
86/88, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
88/82, bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l c.l., same basis.....lb. .19½- —
88/251, bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12¼- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08½- .08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07½- .07¾
Glycol borborate, dms.....lb. .28 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .55 - .60
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon bgs., c.l., works..lb. .02½- —
65% graphitic carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04¾- .05⅛
White, trcs.....lb. .05¾- .06
Yellow, trcs.....lb. .04¾- .05⅛
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21% bbls., same basis.lb. .08 - —
22-23%, bbls., same basis. lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12½- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.25 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .17 - .18
Camphor (see C).
Chicle, prime, 35% moisture, bgs., ton lots..lb. .33 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¼- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05⅞- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06⅞- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same bas lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06 - —
dust, bgs.,c.l.,same basis.lb. .03½- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis. lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05½- —
Sambas and white split chips, bskts, c.l., same basis..lb. .14½- —
Singapore, dust., bskts., c.l., same basis..lb. .05 - —
spirit-soluble, CBB, bskts., basis..lb. .08½- —
DBB, bskts., c.l., same basis..lb. .07½- —
MA, bskts., c.l., same basis, lb. .05¾- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07½- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —

Ethyleneglycol—Hexane

Gum, copal, Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, ogs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .07¾- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis, lb. .11 - —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .20 - —
A/D, cs., c.l., same basis.lb. .14½- —
A/E, cs., c.l., same basis.lb. .12¼- —
B, cs., c.l., same basis..lb. .13½- —
C, cs., c.l., same basis...lb. .14¾- —
D., cs., c.l., same basis...lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .14¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¾- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra or single shipt., 10,000 lbs., lb. .06½- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l., lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Gualac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis. lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .42 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09¼- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....lb.14.50 -14.75
Tragacanth, Allepo 1, cs....lb. 2.25 - 2.35
2, cs. .....lb. 1.90 - 1.95
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.60 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .13
Helonias root bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .22
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .09
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .35 - —

Hexameth.—Mang. Resinate

Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C.	lb.	.32	- —
150 to 1,350 lbs. shipments same basis	lb.	.33	- —
USP, dms., 500 lbs., or more, shipments, same basis	lb.	.38	- —
100 to 400 lbs., shipments, same basis	lb.	.39	- —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.13	- —
l.c.l., same terms	lb.	.13½	- —
tanks, same terms	lb.	.12	- —
Homatropine hydrobromide, bots., 50 ozs.	oz.	13.00	- —
25 ozs.	oz.	13.50	- —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago	unit-ton.	2.85	- —
Hops, N. F., bls.	lb.	.17	- .27
Horehound, bls.	lb.	.08½	- .09
Hydrangea root, bls.	lb.	.09	- .10
Hydrastine, bots., 4 ozs.	oz.	17.25	- —
cns., 16 ozs.	oz.	17.00	- —
Hydrochloride, bots., 4 ozs.	oz.	17.25	- —
cns., 16 oz.	oz.	17.00	- —
Sulphate, bots., 4 ozs.	oz.	19.25	- —
cns., 16 oz.	oz.	19.00	- —
Hydrastis (see Golden seal).			
Hydrofuramide, dms., 100 lbs. or more, works	lb.	.30	- —
fib. ctns., works	lb.	.40	- —
Hydrogen peroxide, USP, bbls. 100 vols., cbys., E. of Miss. R.	lb.	.03¾	- .04
	lb.	.20	- —
Hydroquinone, dealers, bbls., dms.	lb.	.90	- .94
Hydroxycitronellal, cns.	lb.	2.00	- 2.80
Hyoscine hydrobromide, bots.	oz.	18.00	-19.00
Hyoscyamine, bots.	oz.	15.00	- —
Hydrobromide, bots.	oz.	15.00	- —
Sulphate, bots.	oz.	15.00	- —
Hypernic, crbys., bbls.	lb.	.25	- —
ext., bbls.	lb.	.13	- —

I

Iceland moss, bls.	lb.	.13	- .18
Ichthyol, bots.	lb.	4.00	- 4.25
Indian red (see Red, Indian).			
Indigo, nat., Madras, cs.	lb.	1.62	- 1.67
synth., liq., bbls.	lb.	.16½	- .19
powd., bbls.	lb.	.74½	- .85
Indol, CP, bots.	lb.	32.00	-34.00
Insect flowers (see Pyrethrum).			
Iodine, crude, jars, 25 lbs.	lb.	1.30	- —
kgs., 150 lbs.	lb.	1.07	- —
less 5%, kgs., 150 lbs.	lb.	1.07	- —
resubl., bots., 5 lbs.	lb.	1.85	- —
jars, 50 lbs.	lb.	1.75	- —
tincture, USP, bbls., 47 gals.,	gal.	1.70	- —
cbys., 5 gals.	gal.	1.75	- 1.80
mild, bbls., 47 gals.	gal.	.95	- —
cbys., 5 gals.	gal.	1.00	- 1.05
Iodoform, dms., 100 lbs.	lb.	3.95	- —
jars, 25 lbs.	lb.	4.05	- —
Ionone, alpha, bots.	lb.	2.50	- 2.55
alpha, extra, bots.	lb.	4.00	- 4.05
alpha beta, bots.	lb.	2.25	- 2.30
beta, bots.	lb.	4.10	- 4.15
Ipecac root, bgs.	lb.	1.10	- 1.15
powd., bxs.	lb.	1.20	- 1.25
Irish moss, ordinary, bls.	lb.	.10	- .11
powd., 80-90 mesh, bbls.	lb.	.20	- .22
prime, bleached, bls.	lb.	.18	- .20
Iron acetate, N. F. IV, cbys., 100 lbs.	lb.	.15	- —
dna., 50 lbs.	lb.	.16	- —
liquor, bbls., c.l., dlvd.	lb.	.03	- —
l.c.l., dlvd.	lb.	.04	- —
Chloride (ferric), tech., anhydr., 350-lb. dms.	100 lbs.	4.65	- 6.25
150-lb. dms	100 lbs.	5.00	- 6.60
cryst., bbls., works, frt. alld. or equid.	lb.	.06	- .06
kegs, works, frt. alld. or equid.	lb.	.07½	- .08
liquer, cbys., works, frt. alld. or equid.	lb.	.05	- .06
USP X, cryst., bbls.	lb.	.07½	- —
kegs	lb.	.08½	- —
USP solut., cbys., works, frt. alld. or equid.	lb.	.06½	- .07
djns	lb.	.07½	- —
USP VIII, pearls.	lb.	.72	- .75
powd., cns.	lb.	.84	- .87
scales, cns.	lb.	.77	- .80
Glycerophosphate, bbls., kgs. 1,000 lb. lots.	lb.	2.87	- —
smaller lots.	lb.	2.97	- —
cns., 25 lbs.	lb.	3.00	- —
Hypophosphite, cns.	lb.	1.55	- 1.60
Iodide, bots.	lb.	2.99	- —
syrup, djns.	lb.	.37	- .38
botz	lb.	.53	- —
Nitrate, coml., kgs.	lb.	.02¾	- .06
Oxalate, powd., kgs.	lb.	.47	- —
cns.	lb.	.52	- —
scales, cns.	lb.	.83	- .85
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns., 50 lbs.	lb.	.54	- —
25 lbs.	lb.	.57	- —
scales, cns., 50 lbs.	lb.	.59	- —
25 lbs.	lb.	.62	- —
ferrous, bbls., 200 lbs.	lb.	.35	- —
bxs., 25 lbs.	lb.	.40	- —
kgs., 100 lbs.	lb.	.37	- —
Pyrophosphate, pearls, cns.	lb.	.59	- .62
scales, cns.	lb.	.64	- .67
Reduced, 90%, cs.	lb.	.60	- .65
Sulphate, tech. (see Copperas and ferric sulphate).			
Sulphate, U.S.P., cryst., bbls., 375 lbs.	lb.	.04½	- —
dms., 100 lbs.	lb.	.06½	- —
Iron-ammonia citrate, brown, gran., cns.	lb.	.37	- .40
pearls, cns.	lb.	.37	- .40
scales, cns.	lb.	.47	- .50
green, gran., cns.	lb.	.37	- .40
pearls, cns.	lb.	.37	- .40
scales, cns.	lb.	.47	- .50
Iron-ammonia oxalate, bxs.	lb.	30	- —
fib., dms.	lb.	28½	- —
kgs.	lb.	26½	- —
Iron-potash oxalate, bbls.	lb.	.42	- —
kgs.	lb.	.44	- —
jars	lb.	.49	- —
Iron-soda oxalate, bxs.	lb.	.30	- —
fib., dms.	lb.	32½	- —
kgs.	lb.	30½	- —
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works.	lb.	.42	- —
small lots, works.	lb.	.50	- —
Isopropanol (see Alcohol, Isopropyl).			
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.061	- —
l.c.l., same terms.	lb.	.066	- —
tanks, same terms.	lb.	.061	- —
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss. R.	gal.	.42	- —
l.c.l.	gal.	.35	- —
tanks	gal.	.28	- —

J

Jaborandi leaves, bls.	lb.	.09	- .10
Jalap root, NF, bls.	lb.	.16	- .17
powd., bbls., bxs.	lb.	.20	- .21
Juniper berries, bgs.	lb.	.04	- .05

K

Kamala, tins	lb.	.21	- .22
Kaolin (see China clay).			
Kava kava root, bls.	lb.	.15	- .16
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks.	gal.	.04¾	- .05
Gulf ports, p.w., bulk, export,	gal.	.03½	- —
w.w., bulk.	gal.	.04	- —
Louisiana - Arkansas, 41-43 w.w., bulk.	gal.	.04½	- .04½
Oklahoma-Texas, 41-43 w.w., tanks.	gal.	.04	- .04¾
42-44 w.w., tanks.	gal.	.04¼	- .04¾
Pennsylvania, 45 w.w., tanks.	gal.	.04¾	- .05
46 w.w., tanks.	gal.	.04¾	- .05¼
47 w.w., tanks.	gal.	.05	- .05¼
Kerosene, tankwagon:—			
Atlanta	gal.	.12	- —
Boston	gal.	.08	- —
Chicago	gal.	.10	- —
Cincinnati	gal.	.13	- —
Denver	gal.	.11½	- —
Louisville	gal.	.10	- —
Minneapolis	gal.	.104	- —
New Orleans	gal.	.11	- —
New York	gal.	.09¾	- —
San Francisco	gal.	.11½	- —
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.07	- .08

L

Lady slipper root, bls.	lb.	.42	- .43
Lanolin (see Adeps lanae).			
Lard, city, tubs.	100 lbs.	7.25	- 7.50
Middlewestern, trcs.	100 lbs.	7.15	- 7.25
Neutral, trcs.	100 lbs.	8.25	- 8.50
Western, choice, trcs.	100 lbs.	7.20	- 7.30
Compound, trcs.	100 lbs.	9.00	- 9.25
Larkspur seed, bgs.	lb.	.27	- .28
Laurel berries, bls.	lb.	.09	- .10
Leaves, Greek, bls.	lb.	.03¾	- .04¼
Lavender flowers, ordinary, bls.	lb.	.26	- .28
select, bls.	lb.	.34	- .35
extra select, bls.	lb.	.40	- .45
Lead acetate, white, broken, bbls.	lb.	.10	- —
cryst., bbls.	lb.	.10	- —
gran., bbls.	lb.	.10¾	- —
powd., bbls.	lb.	.10¾	- —
Arsenate, bgs., dealers E. of Rockies.	lb.	.11	- —
W. of Rockies.	lb.	.11	- —
l.c.l., bgs., dealers, E. of Rockies.	lb.	.11½	- —
W. of Rockies.	lb.	.11¼	- —

Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06¼	- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06½	- —
l.c.l., dlvd., E.	lb.	.06½	- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07	- —
Carbonate (see Lead, white).			
Chloride, pure, bots., 5 lbs.	lb.	.62	- —
fib., dms., 25 lbs.	lb.	.49	- —
Iodide, N. F., V., powd., bots., 5 lbs.	lb.	2.67	- —
jars	lb.	2.55	- —
Linoleate, pale, precip., dms.,	lb.	.19	- —

Metal (see daily quotations in market report).

Metallic, paste, 200-lb. cont., f.o.b. works.	lb.	.19	- —
5-lb. cont., f.o.b. works.	lb.	.22	- —
Nitrate, bbls.	lb.	.10	- .15
Oleate, bbls.	lb.	.18½	- .20
Peroxide cns., works.	lb.	.46	- .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.076	- —
other points.	lb.	.0735	- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.08½	- —
Colo., Mont., N. Mex., Wyo.	lb.	.08¼	- —
other points.	lb.	.07¾	- —
smaller lots, etc.	lb.	.08½	- —
Ariz., etc.	lb.	.09	- —
Ohio., etc.	lb.	.08¾	- —
other points.	lb.	.08¼	- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc.	lb.	.0785	- —
other points.	lb.	.0760	- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08½	- —
Ariz., etc.	lb.	.08¾	- —
Colo., etc.	lb.	.08½	- —
other points.	lb.	.08	- —
smaller lots, dlvd., Ala., etc.	lb.	.08¾	- —
Ariz., etc.	lb.	.09¼	- —
Colo., etc.	lb.	.09	- —
other points.	lb.	.08½	- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc.	lb.	.0810	- —
other points.	lb.	.0785	- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08¼	- —
Ariz., etc.	lb.	.09	- —
Colo., etc.	lb.	.08¾	- —
other points.	lb.	.08¼	- —
smaller lots, dlvd., Ala., etc.	lb.	.09	- —
Ariz., etc.	lb.	.09¼	- —
Colo., etc.	lb.	.09¼	- —
other points.	lb.	.08¾	- —
in oil, 95% min., 100-lb. kgs.,	lb.	.12¼	- —
Resinate, fused, 16%, bbls.	lb.	.09½	- —
pale, bbls.	lb.	.11¼	- —
precip., bbls.	lb.	.16½	- —
Stearate, bbls.	lb.	.22	- .28
Sulphate (see Lead, white, basic sulphate)			
Titanate, bbls., c.l. (20 tons), works, frt. alld.	lb.	.10	- —
l.c.l., 5 tons, one delvy., works, frt. alld.	lb.	.10¼	- —
smaller lots, works, frt. alld.	lb.	.10½	- —

White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.

	lb.	.07¼	- —
other points.	lb.	.07	- —
Lead, white, dry, basic carbonate, bbls., l.c.l., dlvd., Ariz., etc.	lb.	.07½	- —
other points.	lb.	.07¼	- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc.	lb.	.06½	- —
other points.	lb.	.06¼	- —
basic sulphate, l.c.l., dlvd., Ariz., etc.	lb.	.06¾	- —
other points.	lb.	.06½	- —
in oil, 100-lb. kgs., consumers.	lb.	.11¾	- —
dealers	lb.	.09¾	- —
painters	lb.	.10¾	- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi.	lb.	2.50	- —
edible, grade 1, dms., c.l., same basis.	lb.	.45	- —
l.c.l., same basis.	lb.	.47½	- .55
grades 2 or 3, dms., c.l., same basis.	lb.	.47½	- —
l.c.l., same basis.	lb.	.50	- .67½
grade 4, dms., c.l., same basis.	lb.	.50	- —
l.c.l., same basis.	lb.	.52½	- .70
purified, cs., dms., c.l., same basis.	lb.	.65	- —
l.c.l., same basis.	lb.	.67½	- .85
tech., grade 1, dms., c.l., same basis.	lb.	.55	- —
l.c.l., same basis.	lb.	.57½	- .55
grades 2 or 3, dms., c.l., same basis.	lb.	.57½	- —
l.c.l., same basis.	lb.	.40	- .57½
grade 4, dms., c.l., same basis.	lb.	.40	- —
l.c.l., same basis.	lb.	.42½	- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.	lb.	.09	- .10
Licorice extract, mass, cs.	lb.	.17	- .18
powd., bbls.	lb.	.34	- .35
Root, bls.	lb.	.04½	- .05
powd., bbls., bxs.	lb.	.07	- .09
select, bnds., cs.	lb.	.16	- .17

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.

Bellefonte, Pa.	ton.	7.00	- —
Berkley, W. Va.	ton.	7.50	- —
Carey, Ohio.	ton.	7.00	- —
Cedar Hollow, Pa.	ton.	8.50	- —
Crab Orchard, Tenn.	ton.	6.25	- —
Eagle Mountain, Va.	ton.	7.00	- —
Farnams, Mass.	ton.	8.00	- —
Gibsonburg, Ohio.	ton.	7.00	- —
Hannibal, Mo.	ton.	6.50	- —
Keystone, Ala.	ton.	6.25	- —
Knoxville, Tenn.	ton.	6.25	- —
Limedale, Ark.	ton.	7.00	- —
Longview, Ala.	ton.	6.25	- —
Manistique, Mich.	ton.	8.00	- —
Marblehead, Ohio.	ton.	7.50	- —
Martinsburg, W. Va.	ton.	7.50	- —
Menominee, Mich.	ton.	8.00	- —
Mitchell, Ind.	ton.	6.50	- —
Newala, Ala.	ton.	6.25	- —
Oranda, Va.	ton.	7.00	- —
Ripplemead, Va.	ton.	7.00	- —
Riverton, Va.	ton.	7.00	- —
Scioto, Ohio.	ton.	6.50	- —
Sheboygan, Wis.	ton.	7.00	- —
Sherwood, Wis.	ton.	7.50	- —
Springfield, Mo.	ton.	7.00	- —
Woodville, Ohio.	ton.	7.00	- —
York, Pa.	ton.	7.00	- —

hydrated, paper bgs., f.o.b.,

Bellefonte, Pa.	ton.	8.50	- —
Berkley, W. Va.	ton.	8.50	- —
Buffalo, N. Y.	ton.	10.00	- —
Carey, Ohio.	ton.	8.50	- —
Cedar Hollow, Pa.	ton.	8.00	- —
Crab Orchard, Tenn.	ton.	9.00	- —
Eagle Mountain, Va.	ton.	9.00	- —
Farnams, Mass.	ton.	8.50	- —
Gibsonburg, Ohio.	ton.	8.50	- —
Hannibal, Mo.	ton.	8.50	- —
Keystone, Ala.	ton.	9.00	- —
Knoxville, Tenn.	ton.	9.00	- —
Le Roy, Minn.	ton.	10.00	- —
Limedale, Ark.	ton.	9.00	- —
Longview, Ala.	ton.	9.00	- —
Louisville, Ky.	ton.	14.50	- —
Manistique, Mich.	ton.	9.50	- —
Marblehead, Ohio.	ton.	8.50	- —
Martinsburg, W. Va.	ton.	8.50	- —
Mitchell, Ind.	ton.	9.00	- —
Newala, Ala.	ton.	9.00	- —
Oranda, Va.	ton.	8.50	- —
Pelham, Ala.	ton.	9.00	- —
Petoskey, Mich.	ton.	9.00	- —
Port Island, Mich.	ton.	9.00	- —
Rapid City, S. D.	ton.	12.00	- —
Ripplemead, Va.	ton.	9.00	- —
Scioto, Ohio.	ton.	8.00	- —
Sherwood, Wis.	ton.	9.00	- —
Siluria, Ala.	ton.	9.00	- —
Springfield, Mo.	ton.	9.00	- —
Woodville, Ohio.	ton.	8.50	- —
York, Pa.	ton.	8.50	- —

spray, paper bags, f.o.b. Bellefonte, Pa.

	ton.	9.00	- —
Carey, Ohio.	ton.	11.00	- —
Farnams, Mass.	ton.	9.50	- —
Gibsonberg, Ohio.	ton.	11.00	- —
Marblehead, Ohio.	ton.	11.00	- —
Oranda, Va.	ton.	9.00	- —
Scioto, Ohio.	ton.	10.00	- —
Woodville, Ohio.	ton.	11.00	- —
York, Pa.	ton.	9.00	- —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07½	- .08¼
dms., same basis.	lb.	.10½	- —
400 lbs., or more, bgs., same basis.	lb.	.07¾	- .08¾
dms., same basis.	lb.	.11	- —
less than 400 lbs., same basis,	lb.	.08¼	- .09¼
dms., same basis.	lb.	.13	- —
solution, zone 1, dms., consumer.	gal.	.16	- —
Zone 2, tanks, dealers, wks.,	gal.	.08½	- —
30-50 dms.	gal.	.11	- .16
Zone 3, tanks, dealers, dlvd.,	gal.	.11½	- —
30-50 dms.	gal.	.14	- .16
Zone 4, tanks, dealers, wks.,	gal.	.08	- —
dms., c.l. and l.c.l.	gal.	.13	- .14
Zone 5, tanks, dealers, dlvd.,	gal.	.10½	- —
c.l. and l.c.l.	gal.	.13	- .14
Zone 6, tanks, dealers.	gal.	.07½	- —
30-50 dms.	gal.	.09	- .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.	lb.	2.10	- 2.30
Linalyl acetate, cns., 25 lbs.	lb.	1.85	- 2.25
Linden flowers, with leaves, bls.	lb.	.22	- .30
without leaves, bls.	lb.	.17	- .18
Linseed cake, bgs., export.	ton.	30.00	-30.50
Meal, 34%, dom., bgs.	ton.	41.50	- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0636	- —
dlvd., other points.	lb.	.0635	- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07	- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.07½	- —
Colo., Mont., N. Mex., Wyo.	lb.	.07	- —
other points.	lb.	.06¾	- —
smaller lots, dlvd., Ala., etc.	lb.	.07¼	- —
Ariz., etc.	lb.	.08	- —
Colo., etc.	lb.	.07¾	- —
other points.	lb.	.07¼	- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd.	lb.	1.90	- —
50 lbs., works.	lb.	1.93	- —
25 lbs., works.	lb.	1.95	- —
Carbonate, 250-lb., bbls.	lb.	1.25	- —
100-lb. kgs.	lb.	1.30	- —
Chloride, 25-lb. jars.	lb.	1.65	- 1.70
Citrate, 250-lb. bbls.	lb.	1.40	- —
25-lb. dms.	lb.	1.45	- —
100-lb. kgs.	lb.	1.40	- —
Iodide, 5-lb. bots.	lb.	4.85	- —
25-lb. jars.	lb.	4.70	- —
Fluoride, bbls.	lb.	2.10	- 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.	lb.	.05½	- —
smaller lots, same basis.	lb.	.05¾	- —
bbls., 20 tons, same basis,	lb.	.05¾	- —
smaller lots, same basis.	lb.	.06¼	- —
ordinary, bgs., 20 tons, same basis.	lb.	.04¼	- —
smaller lots, same basis.	lb.	.04¾	- —
bbls., 20 tons, same basis,	lb.	.04¾	- —
smaller lots, same basis.	lb.	.04¾	- —
titanated, bgs., 20 tons, same basis.	lb.	.05¾	- —
smaller lots, same basis.	lb.	.05¾	- —
bbls., 20 tons, same basis,	lb.	.05¾	- —
smaller lots, same basis.	lb.	.06¼	- —
Liverwort leaves, bls.	lb.	.21	- .22
Lobelia herb, bls.	lb.	.11	- .12
Seed, bgs.	lb.	.34	- .35
Logwood extract, cryst., bbls.	lb.	.18	- .22
liquid, 51°, bbls.	lb.	.09½	- .11⅛
solid, bxs.	lb.	.15	- .19
Lovage root, dom., bls.	lb.	.55	- .65
import, bls.	lb.	.40	- .45
Lupulin, N.E., tins.	lb.	1.25	- 1.50
Lycopodium, cs.	lb.	.93	- .95

M

Mace, Banda, cs.	lb.	.50	- .51
Batavia, cs.	lb.	.34½	- .35
Siauw, 1, cs.	lb.	.46	- .47
Madder, Dutch, bbls.	lb.	.22	- .25
Magnesia arsenate, dms.	lb.	.18	- .20
Calcined, tech., USP, bbls., works.	lb.	.26	- —
Carbonate, tech., Zone 1, bgs., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.07	- —
bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.08	- —
kgs., c.l.	lb.	.08¾	- —
l.c.l.	lb.	.09½	- —
USP, Zone 1, bbls., c.l.	lb.	.08¼	- —
l.c.l.	lb.	.09	- —
kgs., c.l.	lb.	.09¾	- —
l.c.l.	lb.	.10½	- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., wks., c.l.	ton.	32.00	- —
l.c.l., bbls., wks.	ton.	39.00	-42.00
Hypophosphite, cns., 100 lbs.	lb.	1.45	- —
25 lbs.	lb.	1.50	- —
Oxide (see Calcined).			
Palmitate, bbls.	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00	- 1.35
Silicate (see Talc).			
Silicofluoride, bbls.	lb.	.09½	- .10½
Stearate, bbls., ctns., c.l.	lb.	.21	- —
1 ton	lb.	.22	- —
1,000-2,000 lbs.	lb.	.23	- —
smaller lots.	lb.	.24	- —
Sulphate (see Epsom salt).			
Magnesite, cal., dom., bgs.	ton.	56.00	-60.00
import, bbls.	ton.	60.00	-65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	25.00	- —
Magnesium hydroxide, medicinal, bbls., 200 lbs.	lb.	.25	- —
dms., 25 lbs.	lb.	.30	- —
kgs., 100 lbs.	lb.	.26	- —
Trisilicate, cs., 500-lb. lots.	lb.	.53	- —
100-lb. lots	lb.	.55	- —
cns.	lb.	.75	- .80
Malva flowers, black, bls.	lb.	.35	- .45
blue, bls.	lb.	.35	- .45
Leaves, bls.	lb.	.11	- .12
Manaca root, bls.	lb.	.17	- .18
Mandrake root, bls.	lb.	.09½	- .10
Manganese acetate, dms.	lb.	.26½	- —
Arsenate, bgs.	lb.	.12	- .12½
Borate, tech., bbls.	lb.	.15	- .16
Carbonate, bbls.	lb.	.19	- —
Chloride, bbls.	lb.	.07½	- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works.	ton.	51.50	- —
l.c.l., 5 tons, works.	ton.	54.50	- —
smaller lots, works.	ton.	59.50	- —
burlap bgs., c.l., works.	ton.	49.25	- —
l.c.l., 5 tons, works.	ton.	52.25	- —
smaller lots, works.	ton.	57.25	- —
paper bgs., c.l., works.	ton.	47.50	- —
l.c.l., 5 tons, works.	ton.	50.50	- —
84-87% bgs., 28-40 tons, wks.	ton.	54.50	- —
5-15 tons, wks.	ton.	57.50	- —
½-4 tons, wks.	ton.	62.50	- —
500-600 lbs., wks.	ton.	72.50	- —
Glycerophosphate, bbls., kgs., 1,000-lb. lots.	lb.	2.01	- —
smaller lots.	lb.	2.71	- —
cns., 25 lbs.	lb.	2.83	- —
solut., djns., 1,000-lb. lots,	lb.	.61	- —
smaller lots.	lb.	.71	- —
cns., 25 lbs.	lb.	.81	- —
Hydrate, bbls., dlvd.	lb.	.82	- —
Iodide, bots., 5 lbs.	lb.	5.45	- —
jars, 25 lbs.	lb.	5.30	- —
Linoleate, liquid, 4%, dms.	lb.	.18	- .19½
solid, precip., 5.2%, bbls.	lb.	.19	- —
Ore, 50-52% basis, bbls., c.l., At. ports.	unit-ton.	32.00	Nom.
Resinate, fused, 3½%, bbls.	lb.	.08¼	- .08½
precip., dms.	lb.	.12	- —

Manganese, sulphate, anhyd., bbls., works..lb. .07 - .07½
cryst., 65%, $MnSo_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton.23.25 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots .....lb. .62 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs....lb. 3.00 - 3.10
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 50%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs. .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.66 - —
Nitrate ointment (see Citrine ointment).
Mercury oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.31 - —
USP, fib. dms., 50 lbs. or more..lb. 1.83 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .23½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅝x5⅞ in.....pkg.22.50 -23.00
3⅞x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroanilin, kgs. .....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .40 - —
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
pure, synth, dms., c.l., Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
Tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-98%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .08¾- —
tanks, dlvd., E. of Miss. R. lb. .06½- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .18 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .16 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works, ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs. works, ton.30.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld. E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04¼- —
l.c.l., ex-whse., or frt. all., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17½- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.50 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .78 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs. ...oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04 - .04½
California, brown, bgs....lb. .06¾- .06¾
Chinese, yellow, bgs.....lb. .05¾- .06½
Danish, yellow, bgs.....lb. .06¼- .06½
Dutch, yellow, bgs.....lb. .06 - .06½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs....lb. .05¾- .06
Myrobalans, J1, bgs., shipt..ton.25.00 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.23 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - 2.85
import, bgs., Atl. port.100 lbs. 1.60 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., ens.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitersake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertiliser material, 8-11% ammon., dom. bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.20 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.50 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.50 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .16¼- .16¾
West Indian, bgs.....lb. .10 - .10½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

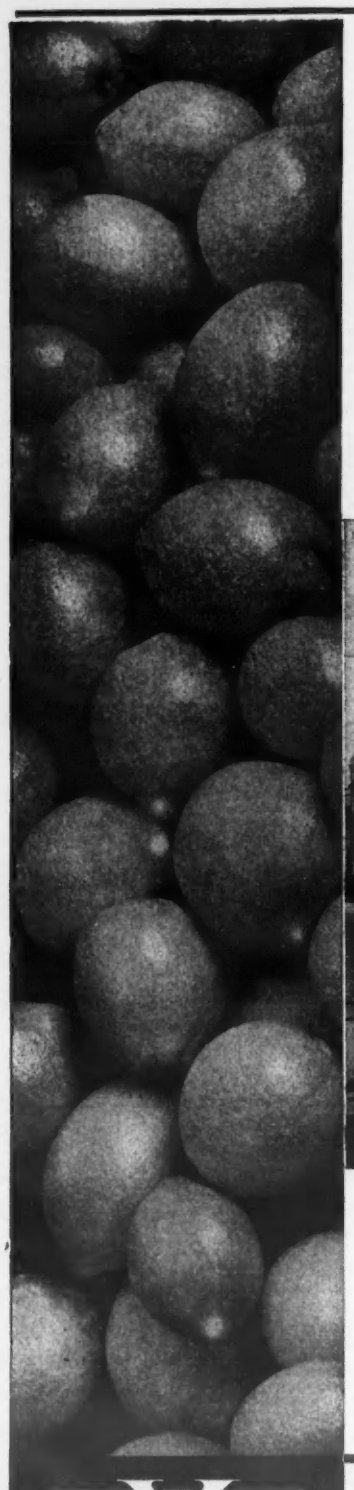
Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .62 - .63
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06½ Nom.
Bay, W. I., 50-55% phenols, cns...lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .48 - .50
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .30 Nom.
dms. .....lb. .27 Nom.

Manganese Sulph.—Lavender Fl.

Oil, cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 2.00 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots.....lb.15.00 -27.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ...lb. .09½- —
l.c.l. .....lb. .10¼- —
Castor medicinal (5-gal.), l.c.l..lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (49% fat), dms., c.l..lb. .06½- .06¾
l.c.l. .....lb. .07½- .08¾
75% (63% fat), dms., c.l..lb. .08¾- .09¾
l.c.l. .....lb. .09½- .10¾
80% (68% fat), dms., c.l..lb. .09¾- .10¾
l.c.l. .....lb. .10¾- .10¾
Cedarleaf, cs. .....lb. .63 - .65
dms. .....lb. .56 - .58
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18½- .23
Celery, bots.....lb. 7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .13 - .15¼
tanks .....lb. .14½- .14¾
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03½- —
Pac. Cst.....lb. .02¾- .02¾
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08¼- —
l.c.l. .....lb. .06½- —
tanks .....lb. .07¼- —
Cod, Newfoundland, shipt., untanked..gal. .29 Nom.
Norwegian, shipt., bbls..gal. .25 - .26
Codliver, med., U.S.P., Norwegian, bbls..bbl.25.00 -26.00
Coriander, bots.....lb.13.50 -30.00
Corn, crude, tanks, works...lb. .06¼- .06¾
refd., bbls.....lb. .09 - .09¼
Cottonseed, dom., cooking, bbls..lb. .08¾- —
salad, bbls.....lb. .09 - —
import, Brazilian, semi-refd., bulk..lb. .0430 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 2.80
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .85 - .87
dms. .....lb. .33 - .35
Fennel, sweet, cns.....lb. 1.40 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .85 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .85 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-33, zero cold test....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04½- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03½- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03½- .03½
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .03¾
38-40 zero, 60 c.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02¾- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 2.85 - 3.50
Bourbon, cns.....lb. 2.55 - 2.85
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots. .....lb. 5.25 - 5.50
Guaiac wood, concrete, bots.lb. 2.65 - 2.80
Haarlem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms.....
1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .09 - .05
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .09 - —
2, bbls. .....lb. .08¾- —
extra, bbls.....lb. .09¾- —
1, bbls. .....lb. .09¼- —
Winter, strained, extra, bbls., lb. .09¼- —
prime burning, bbls.....lb. .10 - —
prime, ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
35-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10

Oil, Lemon—Opium

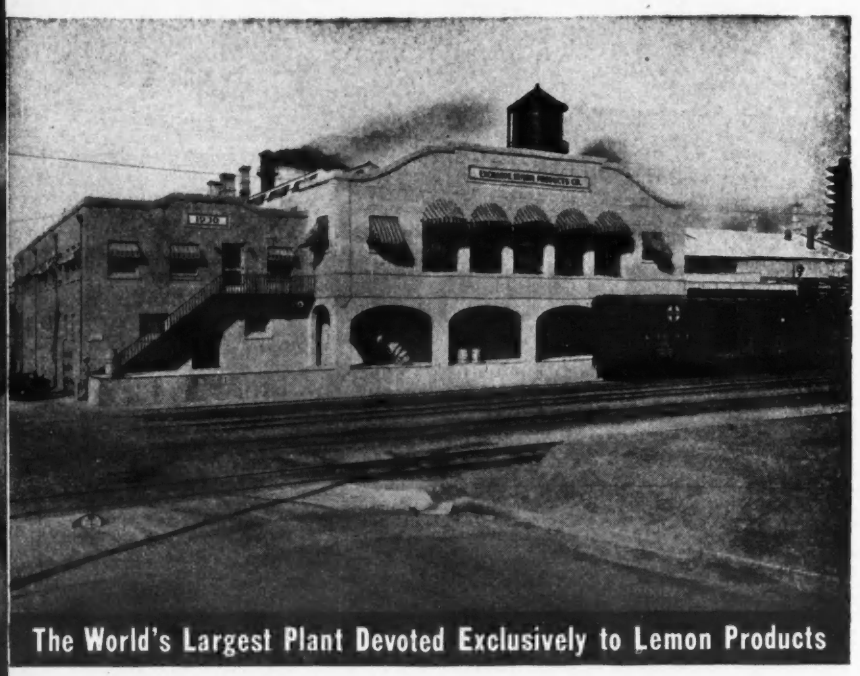
Oil, lemon, Calif., cns.	lb.	2.50 - —
Messina, coppers, cns.	lb.	3.10 - 4.00
Lemongrass, native, cns., dms.	lb.	.31½- .32
Lime, dist., Mexican, cns.	lb.	3.15 - 3.20
West Indian, cns.	lb.	3.25 - 3.30
expressed, cns.	lb.	6.50 - 6.75
Linaloe wood, cns.	lb.	1.25 - 1.30
Linseed, boiled, bbls., c.l.	lb.	.0890- .0910
l.c.l., 5 or more	lb.	.0930- .0950
less than 5	lb.	.0970- .0990
tanks	lb.	.0830- .0850
double boiled, bbls., less than	lb.	.0990- .1010
raw, bbls., c.l.	lb.	.0850- .0870
l.c.l., 5 or more	lb.	.0890- .0910
less than 5	lb.	.0930- .0950
tanks	lb.	.0790- .0810
Lovage, bots.	lb.	41.25 -60.00
Lubricating, at refinery (including U. S. tax 4c. per gal.):—		
California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E, color 5¼, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4¾, 15-25 pour, tanks.	gal.	.23 - —
Oil, lubricating, at refinery, Oklahoma, bright stock, 200-210 E. 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks,	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks,	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½ color, tanks,	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		
Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.15 - —
cylinder, 600 fire, tanks,	gal.	.08 - —
600 flash, tanks.	gal.	.09½- —
630 flash, tanks.	gal.	.13 - —
635 fire, tanks.	gal.	.08½- —
650 fire, tanks.	gal.	.09 - —
Warren, E, amber, tanks,	gal.	.11 - —
neutral, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks.	gal.	.14 - —
200 vis., 2 color, tanks.	gal.	.15 - —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.20½- —
unfiltered, 600 s.r. bbls., f.a.s.	gal.	.15½- —
600 flash, s.r., bbls., c.l.,	gal.	.17 - —
Oil, lubricating, spot, Penna., unfiltered, 630 flash, bbls., c.l., f.a.s.	gal.	.20½- —
unfiltered, Warren, E, bbls., c.l., f.a.s.	gal.	.20 - —
smaller lots, f.o.b.	gal.	.21 - —
Mace, dist., cns., dms.	lb.	1.20 - 1.25
Mandarin, superior, coppers.	lb.	5.75 - 6.00
Menhaden, crude, tanks., f.o.b. Balto.	gal.	.32 Nom.
refd., alkali, dms.	lb.	.0760- —
tanks	lb.	.0700- —
blown, dms.	lb.	.0760- —
kettle-boiled, dms.	lb.	.0860- —
light, pressed, dms.	lb.	.0700- —
tanks	lb.	.0640- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.65 - 1.70
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	gal.	.65½- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼- —
extra, bbls.	lb.	.09¾- —
1, bbls.	lb.	.09 - —
pure, bbls.	lb.	.11¾- —
prime, bbls.	lb.	.09½- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	85.00 - 140.00
Nutmeg, USP, cns., dms.	lb.	1.20 - 1.25
Oiticica, dms.	lb.	.10½- .11
Oleo, 1, bbls.	lb.	.08 - —
2, bbls.	lb.	.07¼- —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	lb.	.92 - .93
edible, bbls.	gal.	1.75 - 2.00
foots, bbls.	lb.	.07½- .07¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11¼- .12
l.c.l.	lb.	.12½- .13
75% (63% fat), dms., c.l.	lb.	.13½- .14
l.c.l.	lb.	.14½- .15
90% (68% fat), dms., c.l.	lb.	.14½- .15
l.c.l.	lb.	.15½- .16
Orange sweet, dist., cs.	lb.	.50 - —
Oil, orange, expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns.	lb.	.75 - —
Messina, USP, coppers.	lb.	2.25 - 2.35
West India, cns.	lb.	1.75 - 1.85
Origanum, cns.	lb.	.90 - 1.00
Orris, Florentine, concrete, extra strong bots.	oz.	4.75 - 5.50
Palm, Niger, csks.	lb.	.08¾- .09¾
shipment	lb.	.08 - —
softs, 12½%, bulk, shipt.	lb.	.0290- —
20%, bulk, shipt.	lb.	.0280- —
Sumatra, shipt., bulk.	lb.	.02¾ Nom.
Palmarosa, cns.	lb.	2.00 - 2.25
Palmkernel, bulk, shipt.	lb.	.0340 Nom.
Paraffin, 120° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. 8.	gal.	.05¼- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	3.75 - 4.10
Peanut, crude, dom., tanks,	lb.	.06¼ Nom.
refd., edible, bbls.	lb.	.09½- .09¾
Pennyroyal, dom., cns.	lb.	2.10 - 2.15
import, cns.	lb.	1.90 - 2.00
Peppermint, natural, cns., dms.,	lb.	2.30 - 2.55
redist., USP, cns., dms.	lb.	2.55 - 2.80
Perilla, dms.	lb.	.09¾- .09¾
tanks	lb.	.0900- .0920
Petitgrain, Paraguay, cns.	lb.	.80 - .85
Pimento berry, cns.	lb.	3.35 - 3.65
leaf, cns.	lb.	2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.50 - .52
steam-dist., dms.	gal.	.69 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	.95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.26 - —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martfnez, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.14 - .14½
denat., bbls.	lb.	.80 - .82
Red, dist. or saponif. bbls., dlvd.	lb.	.07⅞- .08⅛
dms., dlvd.	lb.	.07¼- .08¼
tanks, dlvd.	lb.	.06½- .07⅛
white, dms.	lb.	.10⅜- .11¼
Rose, artif., bots.	oz.	2.00 - 8.00
natural, coppers.	oz.	5.25 -22.50
Rosemary, Spanish, cns.	lb.	.56 - .75
dms.	lb.	.51 - .70
Rosin, 1st rectfd., dms.	gal.	.45 - —
2d rectfd., dms.	gal.	.47 - —
3d rectfd., dms.	gal.	.51 - —
Rue, bots.	lb.	3.95 - 4.00
Sage, cns.	lb.	1.50 - 1.55
Sandalwood, E.I., USP, cns.	lb.	4.75 - 4.80
Sardine, crude, tanks, Pac. Cst.,	gal.	.28½- Nom.
refd., alkali, dms.	lb.	.0760- —
tanks	lb.	.0700- —
kettle-boiled, dms.	lb.	.0860- —
light, pressed, dms.	lb.	.0700- —
tanks	lb.	.0640- —
Sassafras, artif., cns.	lb.	.36 - .37
dms.	lb.	.34 - .35
natural, cns., dms.	lb.	.90 - 1.00
Savin, cns.	lb.	1.60 - 1.65
Savory, cns.	lb.	2.00 - 2.25
Sesame, refd., dms.	lb.	.10½ Nom.
Shingle stain, bbls., c.l., wks.,	gal.	.19 - —
l.c.l., works.	gal.	.21 - —
tanks, works.	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	9.50 -10.00
Soybean, dom., crude, dms.	lb.	.0610- .0650
tanks	lb.	.0550- —
refd., dms.	lb.	.0730- .0770
tanks	lb.	.0670- —
Spearmint, USP, cns.	lb.	1.70 - 1.75
Sperm, bleach, 38°, dms.	lb.	.0900- .0920
45°, dms.	lb.	.0830- .0850
natural, dms.	lb.	.0780- .0800
Spruce, cns., dms.	lb.	.60 - .65
Sweet, birch, North, cns.	lb.	2.25 - 3.50
South, cns.	lb.	1.65 - 2.00
Tall, crude, dms., c.l., works,	ton.	45.00 - —
l.c.l., works.	ton.	50.00 -65.00
tanks, works.	ton.	35.00 - —
refined, dms., c.l., works.	lb.	.05½- —
l.c.l., works.	lb.	.06 - —
tanks, works.	lb.	.05 - —
Tallow, acidless, bbls.	lb.	.08¾- —
tanks	lb.	.08¼- —
Tansy, cns.	lb.	6.75 - 7.00
Tar, coml. dms., c.l., dlvd., E. cities.	gal.	.25 - .26
E. ports.	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities.	gal.	.20 - —
rectfd., USP, bbls, dlvd., E. ports.	gal.	.55 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.09 Nom.
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.	lb.	.85 - 1.25
white, dms.	lb.	.85 - 1.45
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.25 - 5.00
Valerian, bots.	lb.	8.00 - 8.25
Vetiver, bots.	lb.	3.50 -15.00
Walnut, crude, dms.	lb.	.13 - .13¼
refd., dms.	lb.	.14 - .14½
Whale, refd., natural, dms.	lb.	.0770- .0790
winter, bleach, dms.	lb.	.0810- .0830
Wheat germ, phar., cns., dms.	gal.	22.50 -30.00
feedstuff, cns., dms.	gal.	17.50 -25.00
White, mineral, doms., tech., 50-60 vis., dms.	gal.	.40 - —
65-75 vis., dms.	gal.	.42 - —
80-90 vis., dms.	gal.	.43 - —
USP, 80-90 vis., dms.	gal.	.46 - —
95-105 vis., dms.	gal.	.53 - —
125-135 vis., dms.	gal.	.60½- —
140-150 vis., dms.	gal.	.64 - —
175-185 vis., dms.	gal.	.68½- —
200-210 vis., dms.	gal.	.70½- —
320-330 vis., dms.	gal.	.76 - —
335-345 vis., dms.	gal.	.77 - —
Russian, 80-90 vis., dms.	gal.	.46 - —
145-155 vis., dms.	gal.	.64½- —
175-185 vis., dms.	gal.	.68½- —
335-345 vis., dms.	gal.	.77 - —
Wintergreen, natural, North, cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.05 - 2.10
Wormwood, cns.	lb.	3.25 - 3.30
Ylang-ylang, Bourb., bots., cns.,	lb.	3.00 - 3.50
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines,	ton.	5.00 - 8.00
Lumps, same basis.	ton.	7.00 - —
Spalls, same basis.	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust.	ton.	10.00 - —
Opium, USP, cns.	lb.	11 50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50



By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

continues to be Exchange Brand



The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Exchange

OIL OF LEMON

U. S. P. CLARIFIED

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK CITY

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1939, Products Dept., California Fruit Growers Exchange

Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., ñ tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points .....lb. .10¼- —
smaller lots, divd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, casks, ex dock, lb. .13¼- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls. .....lb. .13 - .14
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works..lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
Orthodichlorobenzene, l.c.l., same basis..lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Ortholuidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.15 - 1.20
Paprika, Hungarian, extra fancy, bgs..lb. .37 - .38
medium, bgs.....lb. .35 - .37
Spanish, extra fancy, cs.....lb. .50 Nom.
Para-aminoacetanilide, kgs....lb. .85 Nom.
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0230- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs., or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .08½- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02¾
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., divd..lb. .16 - —
5 and 10 gal. dms., divd., lb. .17 - —
USP, cs. cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07½- .08
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls. .....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3 .....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3 .....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .08 - .08¾
Lampong, bgs.....lb. .04½- .04¾
Tellicherry, bgs. .....lb. .08¾- .09
Red, chillies, Japan, 1, bgs..lb. .22 - .22½
Mombassa, bgs.....lb. .23 - .23½
White, Java, Muntok, bgs....lb. .07¼- .07⅝
Saigon, bgs.....lb. .07 - .07½
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls. .....lb. .45 - .46
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l..lb. .02⅝- .02¾
l.c.l. .....lb. .03¾- .03¾
extra, bbls.....lb. .02¾- .06
l.c.l. .....lb. .03¾- .04¼
cream (see white, cream).
green (see red).
red, veterinary, bbls., c.l.....lb. .02¼- —
l.c.l. .....lb. .05¾- .06¼
lily, obls., c.l.....lb. .05¼- —
l.c.l. .....lb. .06¾- .07½
snow, bbls., c.l.....lb. .06¼- —
l.c.l. .....lb. .07¾- .09¼

Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .96
Athens .....bbl. .84 - 1.00
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Canal-Greely .....bbl. .91 - 1.68
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Deminguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills .....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.18
McKittrick .....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Orcutt .....bbl. .70 - .93
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Maria.....bbl. .63 - .70
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.06
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Wilmington .....bbl. .75 - 1.21
Canada:—
Oil Springs .....bbl. 1.97 - —
Petrolia .....bbl. 1.90 - —
Central West:—
Illinois .....bbl. 1.05 - —
Lima .....bbl. .90 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton .....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .79 - 1.16
Batson .....bbl. .74 - 1.04
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .79 - 1.16
Goose Creek.....bbl. .79 - 1.28
Hull .....bbl. .74 - 1.04
Humble .....bbl. .74 - 1.04
Liberty .....bbl. .79 - 1.16
Markham .....bbl. .90 - 1.29
Orange .....bbl. .79 - 1.16
Pettus .....bbl. 1.29 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.38
Saratoga .....bbl. .74 - 1.04
Sour Lake.....bbl. .74 - 1.04
Spindle Top.....bbl. .74 - 1.04
Sugarland .....bbl. .79 - 1.28
West Columbia.....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.12 - —
Kentucky river.....bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .73 - 1.05
Caddo .....bbl. .73 - 1.05
Cameron Meadows.....bbl. .74 - 1.13
Choctaw .....bbl. .74 - 1.20
Cotton Valley.....bbl. .73 - 1.05
Darrow .....bbl. .74 - 1.20
De Soto .....bbl. .73 - 1.05
El Dorado.....bbl. .73 - 1.05
Haynesville .....bbl. .73 - 1.05
Homer .....bbl. .73 - 1.05
Iowa .....bbl. .74 - 1.13
Lockport .....bbl. .74 - 1.13
Miller County.....bbl. .73 - 1.05
Pine Island.....bbl. .73 - 1.05
Rainbow .....bbl. .73 - 1.05
Rodessa .....bbl. .73 - 1.05
Smackover .....bbl. .73 - —
Tepetate .....bbl. 1.03 - —
Urania .....bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. No prices
Tuxpan .....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas .....bbl. .63 - 1.10
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany ....bbl. 1.80 - —
Corning .....bbl. 1.02 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.30 - —
Eureka lines.....bbl. 1.37 - —
N. Y. Transit lines. bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.43 - —
lower district in National Transit lines.bbl. 1.68 - 1.73
Rocky Mountain:—
Big Muddy.....bbl. .98 - —
Canon City-Florence...bbl. .90 - —
Cat Creek.....bbl. 1.10 - —
Dutton Creek.....bbl. .86 - 1.10
Elk Basin.....bbl. .90 - —
Fort Collins-Wellington. bbl. .81 - 1.05
Frannie, light.....bbl. .45 - .52
Grass Creek, light.....bbl. .90 - —
Iles .....bbl. .92 - .96
Lance Creek.....bbl. .77 - —
Lander .....bbl. .51½- —
Midway .....bbl. .86 - 1.10
Rock Creek.....bbl. 1.00 - —
Salt Creek.....bbl. .86 - 1.10
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .73 - 1.06
Cleveland-Liberty .....bbl. 1.14 - —
Conroe .....bbl. 1.27 - —
Darst Creek .....bbl. .96 - —
Hardin-Liberty .....bbl. 1.00 - 1.02
Luling .....bbl. .87 - —
Lytton Springs.....bbl. .99 - —
Mirando (incl. Duval).... bbl. .74 - 1.33
Panola County.....bbl. .73 - 1.03
Salt Flat .....bbl. .96 - —
Tomball .....bbl. .95 - 1.41
Van .....bbl. .93 - —
West Beaumont.....bbl. .79 - 1.20
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County .....bbl. .72 - 1.00
West Texas:—
Artesia, N. M.....bbl. .61 - .85
Crane .....bbl. .53 - .95
Crockett .....bbl. .53 - .95
Ector .....bbl. .53 - .95
Eddy (N. M.) .....bbl. .77 - —
Howard .....bbl. .53 - .95
Jackson, N. M. .....bbl. .61 - .95
Lea, N. M. .....bbl. .53 - .95
Maljamar, N. M. .....bbl. .61 - .95
Mitchell .....bbl. .62 - .95
Pecos .....bbl. .65 - .87
Upton .....bbl. .53 - .95
Winkler .....bbl. .53 - .95

Petroleum, ether, 30-60° dms., c.l., G. 3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G. 3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11 - —
New York, ex tax.....gal. .10½- .11
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Solvent, rubber, at refinery, East Coast, tanks...gal. .09½- .10
Group 3 light, 120 l.b.p., 250 e.p., tanks..gal. .06⅜- .06⅝
standard, 180 l.b.p., 288 e.p., tanks..gal. .06⅜- .06⅝
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06¼- .06¼
tankwagon, Boston, ex tax.. gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179 - —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11½
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09½- .11½
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax.....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .09⅝- —
Group 3, tanks.....gal. .05⅝- .05⅝
Tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11 - —
Buffalo .....gal. .15 - —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .176 - —
Des Moines.....gal. .174 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .188 - —
Minneapolis-St. Paul...gal. .19 - —
Newark .....gal. .09 - .09½
New York (200 gals.)..gal. .09 - —
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - .12
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .11½- —
Rochester .....gal. .12 - —
St. Louis.....gal. .142 - —
Syracuse .....gal. .12½- —
Trenton .....gal. .10 - —
Wilmington, Del.....gal. .10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17½
tanks, works.....lb. .13½- —

Orange, Lake—Pot. Muriate

Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns. .....lb. 14.50 - 15.00
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb. 20.00 - 22.00
tech., tins, works.....lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .13
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .43
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .14 Nom.
Pilocarpine hydrochloride, bots. vls...cs. 2.40 - 2.50
Nitrate, bots., vls.....cs. 2.90 - 3.00
Pimento, bgs.....lb. .14½- .15
Pinkroot, bls. .....lb. .35 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
hardwood, 1-time, dms., c.l., divd. Akron..ton. 23.75 - 24.00
linseed, dms. .....lb. .05 - .06¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. .....lb. .11 - .13
Podophyllin, dms., divd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....lb. .07½- .09
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .32 - .33
Poppy flowers, red, bls.....lb. .70 - 1.00
Seed, Dutch, bgs.....lb. .09¾- .10¼
Polish, bgs.....lb. .09½- .10
Potash abietate .....lb. .00 - —
Acetate, tech., bbls., divd..lb. .26 - —
kgs., divd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .13 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l., works.lb. .05⅝- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .33 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., divd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, divd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .06½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .36 - .37
Citrate, USP, gran., bbls., 250 lbs..lb. .23½- —
kgs., 100 lbs.....lb. .24½- —
cns., 50 lbs.....lb. .25½- —
cns., 25 lbs.....lb. .27½- .28½
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots....lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms. 100 lbs. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .20½- .23
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.65
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.45
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton. 12.20 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports.....unit-ton. .53½- —
import, 30% K_2O, bulk, shipt. unit-ton. .53½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53½- —
import, all strngths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —

Potash Oxalate—Sloe Berries

Potash muriate prices in bags are $2 per ton higher than bulk price.

Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls....lb. .30½- .34
Yellow, bbls....lb. .14 - .15
Ricinoleate, tech., bbls....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Potash, sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs....lb. .15 - —
powd., bbls., 350 lbs....lb. .14 - —
kgs., 100 lbs....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
l.c.l. ....lb. .18½- —
Xanthate, dms., c.l. ....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships. ton.25.75 - —
Potash-titanium oxalate, kgs....lb. .35 - .40
Prickly ash bark, bls....lb. .12 - .13
Berries, bls....lb. No stocks
Prince's pine herb, bls....lb. .21 - .22
Propane, tanks, G.S....gal. .06 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. ....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½- —
3 or over, works...lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y..ton.32.65 Nom.
l.c.l., 5-29 tons, ex whse., ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs....lb. .09 - .10
Purple lake (see Red).
Putty, com'l, dms....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms....100 lbs. 5.00 - —
standard, dms....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand..gal. 5.75 - 5.85
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 8.45 - 8.55
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .26½- .27
fine powd. Japan, bbls., ton lots frt. alld..lb. .27½- .28
Pyridin, denaturing, dms....gal. 1.63 - —
refd., 2°, dms. ....lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib, dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis....ton.12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis....ton.10.50 - —
Pyroxlin, scrap, amber, cs., works..lb. .12 - —
black, cs., works....lb. .10 - —
China white, ivory, cs., works..lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works....lb. .13 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works....lb. .15 - —

Q

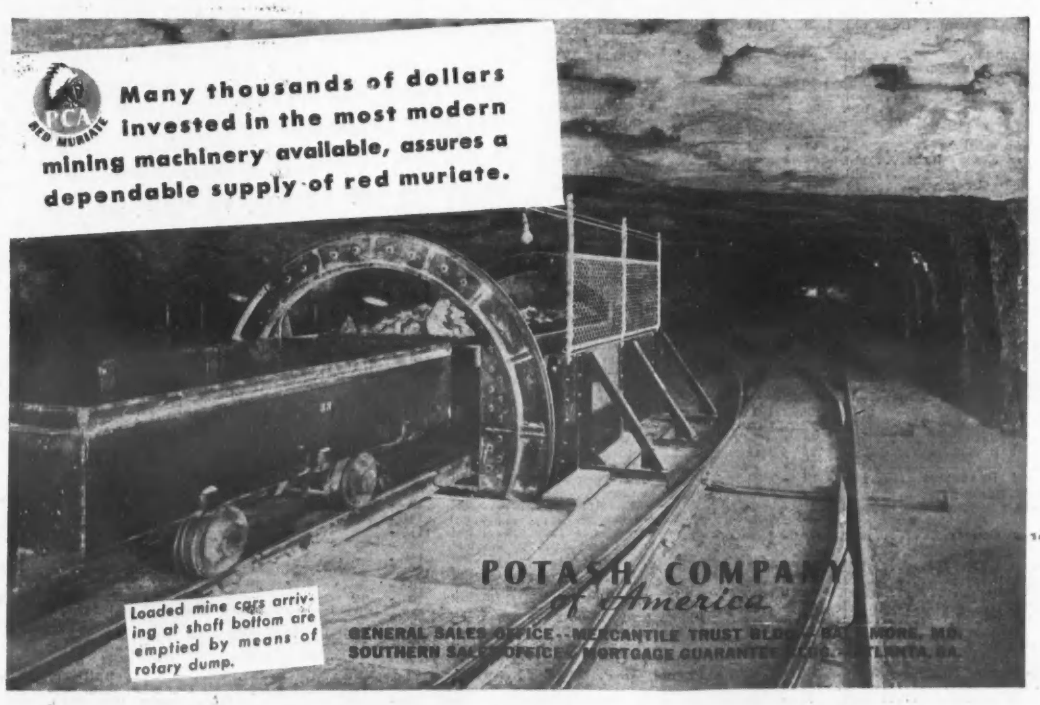
Quassia chips, bls....lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works..lb. .03¾- —
tanks, works....lb. .03¾- —
solid, 61%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y..flask.80.00 -81.00
import, flasks, (76 lbs. net) in bond..flask.64.00 - —
Quince seed, bgs....lb. .80 - 1.00
Quinidine, cryst., small, cns....oz. .90 - —
large, cns. ....oz. .98 - —
powd., precip., cans....oz. .91 - —
Sulphate, cns. ....oz. .67 - —
Quinine, 100 ozs., cns....oz. .76 - —
Acetate, cns....oz. .99 - —
Arsenate, cns. ....oz. .99 - —
Arsenite, cns. ....oz. 1.01 - —
Bisulphate, cns. ....oz. .54 - —
Citrate, cns. ....oz. .72 - —
Dihydrobromide, bots....oz. .75 - —
Dihydrochloride, bots....oz. .75 - —
Ethylcarbonate, cns....oz. .75 - —
Ferrocyanide, cns. ....oz. 1.01 - —
Formate, cns. ....oz. .94 - —
Glycerophosphate, cns....oz. 1.14 - —
Hydrochloride, cns....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydrolodide, cns....oz. .99 - —
Hypophosphite, cns....oz. .99 - —
Phosphate, cns. ....oz. .82 - —
Salicylate, cns. ....oz. .78 - —
Sulphate, U.S.P. X, cns....oz. .54 - —
U.S.P. XI, cns....oz. .61 - —
Sulphocarbolate, cns....oz. .97 - —
Tannate, cns. ....oz. .97 - —
Tartrate, cns. ....oz. .97 - —
Valerate, cns. ....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R, salt, dry, bbls....lb. .55 - —
paste, dms. ....lb. .52 - —
Rapeseed, Belgian, bgs....lb. .06½- .06½
Dutch, black, bgs....lb. .06½- .06½
red, bgs....lb. .06¾- .07
Japanese, bgs....lb. .06 - .06½
Raspberries, dried, bls....lb. .32 - 35
Red, alizarin lake, bbls., divd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher divd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld....lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
Red, cadmium, lithopone, medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots....lb. 4.00 - —
100-lb. lots ....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Drein toner, bbls....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
30%-35%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .68 - —
open order....lb. .73 - —
Rose lake, bbls....lb. .20 - .30
Pink, bbls....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake conracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.36 - —
Metallic, bbls., Pa., works....lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06½- —
l.c.l., works....lb. .06¾- —
shell, dom., cs., works....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06½- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order ....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs....lb. .90 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs....lb. 1.50 - 2.00
Scarlet ink toner, kgs, same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y..lb. .03¾- .0390
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works....lb. .0220- —
10%, bbls., works....lb. .0245- —
15%, bbls., works....lb. .0253- —
20%, bbls., works....lb. .02¾- —
25%, bbls., works....lb. .03 - —
30%, bbls., works....lb. .03½- —
35%, bbls., works....lb. .0360- —
40%, bbls., works....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.42 - —
smaller lots ....lb. 1.43 - 1.56
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.61 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs....lb. .09 - .10
Rhodinol, bots. ....lb. 5.75 - 6.75
Rhubarb root, cs....lb. .45 Nom.
powd., bbls., kgs....lb. .50 Nom.
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots....lb. .19¼- —
powd., bbls., 5,000 lbs., shipt..lb. .17¾- —
smaller lots....lb. .18¼- —
Rose flowers, pale, bls....lb. .45 Nom.
red, bls. ....lb. 2.20 - 2.25
Rosemary flowers, bls....lb. .25 - .30
Leaves, bls....lb. .05 - .06
Rosin, gum B, bbls., ex dock. 280 lbs. 4.75 - —
D, bbls....280 lbs. 5.05 - —
E, bbls....280 lbs. 5.20 - —
F, bbls....280 lbs. 5.50 - —
G, bbls....280 lbs. 6.27½- —
H, bbls....280 lbs. 6.40 - —
I, bbls....280 lbs. 6.42½- —
K, bbls....280 lbs. 6.42½- —
M, bbls....280 lbs. 6.50 - —
N, bbls....200 lbs. 6.95 - —
W. G., bbls....280 lbs. 7.25 - —
W. W., bbls....280 lbs. 7.90 - —
X, bbls....280 lbs. 7.90 - —
Rosin, wood, bbls....280 lbs. 4.00 - 5.50
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.22.50 - —
l.c.l., f.o.b. mines....ton.25.00 - —
import., lump, bbls....lb. .12 - —
powd., bbls....lb. .08½- .10
Rue, bls....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs....lb. 1.45 - —
cns., 25 lbs....lb. 1.48 - 1.50
Safflower, bls. ....lb. .22 - .28
Saffron, Mexican, bls....lb. .26 - .27
Spanish, tins....lb. 29.00 -31.00
Safrol, cns. ....lb. .52 - .53
dms. ....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. ....lb. .06¼- .06½
Sago flour, bgs....lb. .02½- .03¼
Salicin, bots., 5 lbs....lb. 5.00 - —
cns., 25 lbs....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs....lb. .93 - —
kgs., 100 lbs....lb. .90 - —
powd., fib. dms., 25 lbs....lb. 1.03 - —
kgs., 100 lbs....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works ....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons ....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons ....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns....kilo.40.00 -42.00
resale, cns....lb.19.00 -21.00
Saponin, crude, cns....lb. 1.45 - —
purified, bots, 5 lbs....lb. 1.65 - —
cns., 25 lbs....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .38 - .40
Mexican, bls....lb. .13 - .14
Sassafras, bark, ord., bls....lb. .13 - .15
select, bls....lb. .18 - .20
Savory, bbls. ....lb. .07¾- .08
Saw palmetto berries, bgs....lb. .07 - .07½
Scammony root, bgs....lb. .08 - .07
Schaeffer's salt, bgs....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots....lb. .15¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots....lb. .15¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases....lb. 1.75 - —
Senega, root, bls....lb. .65 - .70
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls....lb. .08½- .09
Tinnevelly, No. 1, bls....lb. .09 - .10
2 bls....lb. .07 - .08
3 bls....lb. .04¾- .05½
powd., bbls., bxs....lb. .09 - .10
Pods, bls....lb. .05½- .06
Serpentaria root, bls....lb. .70 - .75
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston....lb. .19½- .20½
Chicago ....lb. .19¾- .20¾
Pacific Coast....lb. .22 - .23
refd., bbls., f.o.b. N.Y....lb. .25 - —
dlvd. Boston....lb. .25½- —
Chicago ....lb. .25¾- —
Pacific Coast....lb. .28 - —
Garnet, bgs....lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11 - .11⅛
dlvd. Chicago....lb. .11½- .12
Pacific Coast....lb. .14½- .15
T.N., bgs., f.o.b. Bost., N. Y. lb. .10⅛- .11
dlvd. Chicago....lb. .11 - .11⅛
Pacific Coast....lb. .13½- .14
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls....gal. .85 - .90
4-lb. cut, bbls....gal. .80 - .85
white, 5-lb. cut, bbls....gal. 1.00 - 1.10
4½-lb. cut, bbls....gal. .95 - 1.05
4-lb. cut, bbls....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2¼ tons, works.ton19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2¼ tons, work.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works....ton.11.00 - —
l.c.l., works....ton.16.00 - —
Silver bullion....oz. .42¾- —
Govt. purchase....oz. .6464- —
Cyanide, cns., 1,000 ozs....oz. .39½- —
500-999 ozs....oz. .39⅝- —
80-499 ozs....oz. .39⅝- —
16-79 ozs....oz. .42¼- —
Nitrate, vis....oz. .31⅛- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls....lb. .26 - .28
Skatol, bots....lb.75.00 -80.00
Skullcap, Eastern, bls....lb. .16 - .17
Western, bls....lb. .14 - .17
Skirik cabbage root, bls....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works....ton.10.00 -15.00
Sloe berries, bgs....lb. .10 - .11


PCA
RED MURIATE
Many thousands of dollars invested in the most modern mining machinery available, assures a dependable supply of red muriate.
Loaded mine cars arriving at shaft bottom are emptied by means of rotary dump.
POTASH COMPANY of America
GENERAL SALES OFFICE—MERCANTILE TRUST BLDG., BALTIMORE, MD.
SOUTHERN SALES OFFICE—MORTGAGE GUARANTEE BLDG., ATLANTA, GA.

Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts. lb. .07 - .08¼
Snakeroot, Canada, bls. lb. .24 - .26
Soapbark, bls. lb. .07 - .08
crushed, bls., bbls. lb. .11 - .12
cut, bls., bbls. lb. .09½- .10
powd., bbls. lb. .13 - .14
Soda abletate, dms. lb. .11 - —
acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd. lb. .04 - —
l.c.l., dlvd. lb. .04½- .06
powd., 90%, dms., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. lb. .06¾- —
Alginate, dms. lb. .70 - —
Antimoniate, bbls. lb. .12 - .12½
Arsenate, dms., dealers, c.l., works. lb. .06 - —
l.c.l., dms., works. lb. .06½- —
Arsenite, dry, gray, dms., c.l., dealers' works. lb. .07½- .09¼
l.c.l., dms., works. lb. .08 - .10
white, dms., c.l., dealers' works. lb. .09 - .11
l.c.l., dms., works. lb. .09¼- .11½
liquid, 50 gls., dms. gal. .55 - —

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works. 100 lbs. 1.10 - —
l.c.l., Zone 1. 100 lbs. 2.13 - —
2. 100 lbs. 2.28 - —
3. 100 lbs. 2.33 - —
4. 100 lbs. 2.96 - —
bbls., c.l., works. 100 lbs. 1.35 - —

Soda ash, dense, 58%, l.c.l., Zone 1. 100 lbs. 2.35 - —
2. 100 lbs. 2.50 - —
3. 100 lbs. 2.75 - —
4. 100 lbs. 3.15 - —
bulk, c.l., works. 100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.06 - —
l.c.l., Zone 1. 100 lbs. 2.06 - —
2. 100 lbs. 2.23 - —
3. 100 lbs. 2.48 - —
4. 100 lbs. 2.88 - —
bbls., c.l., Zone 1. 100 lbs. 1.45 - —
2. 100 lbs. 2.60 - —
3. 100 lbs. 2.80 - —
4. 100 lbs. 3.25 - —
l.c.l., Zone 1. 100 lbs. 2.45 - —
bulk, c.l. 100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.06
l.c.l., Zone 1. 100 lbs. 2.06 - —
2. 100 lbs. 2.23 - —
3. 100 lbs. 2.48 - —
4. 100 lbs. 2.88 - —
bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., Zone 1. 100 lbs. 2.35 - —
2. 100 lbs. 2.50 - —
3. 100 lbs. 2.75 - —
4. 100 lbs. 3.15 - —
bulk, c.l. 100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louus), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Soda, benzoate, tech., bbls., 4,000 lbs. or more. lb. .39 - —
1,000 to 3,900 lbs. lb. .40 - —
900 lbs. or less. lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs. lb. .47 - —
900 lbs. or less. lb. .50 - —
dms., 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs. lb. .48 - .49
900 lbs. or less. lb. .51 - .53
Bicarbonate, USP, gran., bbls., c.l., works. 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y. 100 lbs. 2.51 - —
kgs., c.l. 100 lbs. 2.10 - —
l.c.l., dlvd. N. Y. 100 lbs. 2.76 - —
tech., bbls., c.l., wks. 100 lbs. 1.70 - —
l.c.l. 100 lbs. 2.05 - —
bgs., c.l. 100 lbs. 1.55 - 1.60
l.c.l., bgs. 100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works. lb. .07 - —
5 cks, or 9 bbls. or less, works. lb. .07¼- —
Bifluoride, bbls. lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks. 100 lbs. 3.30 - 3.55
l.c.l., works. 100 lbs. 3.50 - 3.80

Soda bisulphite, solution, 32 deg., bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., bbls., works. 100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works. 100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works. 100 lbs. 1.65 - —
40 deg., bbls., works. 100 lbs. 1.55 - —
l.c.l., bbls., works. 100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs. lb. .31 - —
fiber dms., 100 lbs. lb. .32 - —
Cacodylate bots., 5 lbs. lb. 5.81 - —
jars 25 lbs. lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, 1, gr. powd., ammon. process, bbls., c.l., works. 100 lbs. 2.95 - —
dms., c.l., works. 100 lbs. 2.70 - —
l.c.l., Zone 1. 100 lbs. 3.55 - 4.90
2. 100 lbs. 3.70 - 5.05
3. 100 lbs. 3.95 - 5.30
4. 100 lbs. 4.35 - 5.70
electro process, dms., c.l., works. 100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works. 100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.80 - —
l.c.l., Zone 1. 100 lbs. 3.15 - —
2. 100 lbs. 3.30 - —
3. 100 lbs. 3.55 - —
electro process, dms., c.l., works. 100 lbs. 2.80 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06½- —
powd., bgs., c.l., works. lb. .06½- —
l.c.l., works. lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls. 225 lbs. .18½- —
cns., 50 lbs. lb. .20½- —
25 lbs. lb. .22½- .23½
kgs., 100 lbs. lb. .19½- —
USP XI, gran., bbls., 250 lbs. lb. .24 - —
cns., 50 lbs. lb. .26 - —
25 lbs. lb. .28 - .29
kgs., 100 lbs. lb. .25 - —
powd., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs. lb. .29½- —
25 lbs. lb. .28½- .29½
kgs., 100 lbs. lb. .25½- —
Cyanide, 96-98%, dom., dms. lb. .14 - .15
import, 96% cs. lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd. lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila. lb. .07¼- —
l.c.l., 10 or over, same basis. lb. .07¾- —
5-9, same basis. lb. .08¼- —
1-4, same basis. lb. .08¾- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis. lb. .08 - —
5-9 same basis. lb. .08¼- —
1-4, same basis. lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots. lb. 1.00 - —
smaller lots. lb. 1.15 - —
cns., 25 lbs. lb. 1.40 - —
powd., bbls., 1,000-lb. lots. lb. 1.05 - —
smaller lots. lb. 1.20 - —
cns., 25 lbs. lb. 1.45 - —
Hydrosulphite, bbls. lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns. 100 lbs. lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis. 100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd. 100 lbs. 2.50 - —
bbls., same basis. 100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works. 100 lbs. 2.60 - —
bbls., works. 100 lbs. 2.80 - —
dms., works. 100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works. 100 lbs. 2.75 - 3.00
bbls., wks. 100 lbs. 2.95 - 3.20
dms., wks. 100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks., 100 lbs. 2.85 - 3.10
bbls., wks. 100 lbs. 3.05 - 3.30
dms., wks. 100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks. 100 lbs. 3.30 - 3.55
dms., wks. 100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks. 100 lbs. 3.90 - 4.15
dms., wks. 100 lbs. 4.20 - 4.45
Iodate, jars. lb. 5.02 - 5.07
Iodide, jars. lb. 2.10 - —
bots. lb. 2.21 - 2.47
Mandelate, bots., 5 lbs. lb. 3.30 - —
fib. dms., 25 lbs. lb. 3.15 - —
Metanilate, kgs. lb. .41 Nom.
Metasilicate, ground, dms., c.l., works. 100 lbs. 3.15 - —
l.c.l., works. 100 lbs. 3.40 - —
cryst., dms., c.l. 100 lbs. 2.90 - —
gran., bbls., c.l., wks. 100 lbs. 2.20 - —
Molybdate, kgs., wks. lb. .60 - —
less kgs. lb. .65 - —
Monohydrated, bbls. 100 lbs. 2.60 - —
works 100 lbs. 2.30 - —
Naphthenate, bbls. lb. .19 - —
Naphthionate, bbls. lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Jan.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment. ton. 29.00 - —
200-lb. bgs., same basis. ton. 28.80 - —
bulk, same basis. ton. 27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons. 100 lbs. 2.65 - —
smaller lots. 100 lbs. 2.90 - —
pwd., bbls., ton lots. 100 lbs. 5.65 - —
smaller lots. 100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports. lb. .08 - —
l.c.l. lb. .08¼- .11¼

Soda nitrite l.c.l price range represents delivery at various points.

Oxalate, neut., bbls. lb. .09 - —
kgs. lb. .11 - —

STAUFFER CHEMICALS

A DEPENDABLE SOURCE OF SUPPLY SINCE 1885

CAUSTIC SODA

Stauffer Caustic Soda can be supplied in flake or solid form in drums of 50-100-400 and 700 pounds.

Continuous production on a large scale enables Stauffer to guarantee uniform quality and immediate shipment of fresh stocks from four centrally located shipping points.

Stauffer manufactures a complete line of basic industrial chemicals to meet the most exacting standards. Check our list and let us quote on your next order.

Stauffer CHEMICALS

STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N.Y. • Freeport, Texas • Rives-Strong Bldg., Los Angeles, Cal. • Carbide and Carbon Bldg., Chicago, Ill. 424 Ohio Bldg., Akron, Ohio • Apopka, Florida

OTHER STAUFFER PRODUCTS
BORIC ACID : CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE
SILICON TETRACHLORIDE : CREAM OF TARTAR
SULPHURIC ACID : CAUSTIC SODA : TARTARIC ACID
WHITING : LIQUID CHLORINE : CARBON BISULPHIDE : NITRATE OF POTASH

Soda Perborate—Whiting

Soda, perborate, N. F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd., 100 lbs. 5.10 - —
l.c.l. same basis..100 lbs. 5.35 - —
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. .....100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52° dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04½- .04¾
import, bbls.....lb. .04 - .04½
Stannate, dms. .....lb. .30 - .33
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, reg., bbls., c.l., works..lb. .01½- —
tanks, works.....lb. .01¼- —
powd., super, bgs, c.l., works. lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .11 - .12
Squill red, bls.....lb. .14 - .16
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
powd., bgs., f.o.b. Chicago. 100 lbs. 2.70 - 2.90
dlvd., N. Y.....100 lbs. 3.05 - 3.25
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls. .....lb. .06¼ .07¼
Wheat, thick boll, bags....lb. .05 Nom.
Staveacre seed, bgs.....lb. .14 - .15
Stearin, oleo, bbls.....lb. .06¼- .06¾
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13½- .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, fib, dms....lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls. .....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.23 - —
100 lbs .....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract.....long ton.20.50 - —
ex vessel, Puget Sound, Columbia River, and British Columbia ports, bulk, contract..long ton.22.00 - —
flowers, bgs., c.l., works. 100 lbs. 3.00 - —
l.c.l., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.30 - —
l.c.l., bgs., works.....lb. 3.20 - 3.60
bbls., works.....lb. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3 40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Rubber maker's, com'l, 99½%, c.l., frt. alld...100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l....lb. .08 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton.66.00 - —
leaf, bales.....ton.70.00 - —
Extract, 42°, bbls.....lb. .05¼- —
51°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06¾- .06¾
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .0400- .0450
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton.. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 98-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
98-95%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls..lb. .06 Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works.....lb. .05¼- —
vegetable, ship., cs.....lb. .06½Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾- .04¾
l.c.l. .....lb. .04¾- .05¾
50% (43% fats), dms., c.l. lb. .05¾- .05¾
l.c.l. .....lb. .06¾- .06¾
50% (48% fat), dms., c.l...lb. .05¾- .06¾
l.c.l. .....lb. .06¾- .07¾
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.25 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.35 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, ship.unit-ton. 3.15 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .25 - .26
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine grad., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21¼- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, btls., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .13½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls..... lb. .22 - .30
Tin chloride (ous), anhyd....lb. .43½- .44
Crystals, bbls., kgs.....lb. .35½- .36
Metal, Straits .....lb. .4520- —
Oxide, bbls.....lb. .80 - .82
Tetrachloride, anhyd., bbls...lb. .23¼- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. pd..lb. .14 - —
Pac. cst., f.o.b. terminals..lb. .15 - —
l.c.l., 5 tons, E. frt. pd. pd..lb. .14¼- —
Pac. cst., ex whse..lb. .15¼- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. cst., ex whse..lb. .15½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. cst., ex whse..lb. .15¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. cst., ex whse..lb. .18 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
1,000-9,999 lbs., frt. pd. lb. .14¾- —
50-999 lbs., frt. pd....lb. .15 - —
phthalate-treated, bgs., c.l., (20 tons), frt. pd...lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .22¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22¼- —
Pac. cst., ex whse..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .22¾- —
Pac. cst., ex whse..lb. .22¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .22¼- —
l.c.l., 5 tons, E. frt. pd. lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal..lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld..lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .48
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .28 - .30
root, bls.....lb. .38 - .40
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs., lbs.lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamine, dms., l.c.l., works lb.
Trichloroethylene, dms., c.l., works, frt. alld, Zone A..lb. .089 - —
l.c.l., dms. .....lb. .094 - —
Zone B, c.l. .....lb. .104 - —
l.c.l., dms. .....lb. .109 - —
Zone C, dms., l.c.l.....lb. .104 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dms., dlvd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23½- —
less than 500 lbs., dms.lb. .26½- .37½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .03½- .05¾
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .32¼- —
l.c.l., 10 ex dock.....gal. .34¼- —
5, ex dock.....gal. .36¼- —
wood, dest., dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - .32
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ural leaves, bls.....lb. .08¼- .08¾

V

Valerian root, bls.....lb. .10 - .12
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.00 - 5.50
Mexican, tins.....lb. 5.00 - 5.50
cut, tins.....lb. 4.75 - 5.00
South American, tins.....lb. 4.50 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins..... 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .39 - .40
Tree bark, bls.....lb. .22 - .25
Wattle bark, bgs., shipt.....ton.36.50 -38.50
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .18½- .19
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19 - .19½
1 bg.....lb. .19½- .20
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22¼- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23¼
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29 - .30
5 bgs. .....lb. .29½- .30½
1 bg. .....lb. .30 - .31
N. C. 2, bgs.....lb. .34 - .35
N. C. 3, bgs., 1 ton.....lb. .30 - .30½
5 bgs. .....lb. .30½- .31
1 bg. .....lb. .31 - .31½
refined, bgs. .....lb. .33½- .34½
yellow, No. 1, bgs., 1 ton...lb. .37½- .39
5 bgs. .....lb. .38 - .39½
1 bg. .....lb. .38½- .40
No. 2, bgs.....lb. .36½- .38
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs. .....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs .lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.56 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works .....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.60
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50

Whiting, English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
99% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons works.....ton.14.50 - —
extra, bgs. (extra), c.l., works, ton.12.50 - —
..c.l., 8-20 tons. works, ton.13.50 -
4-8 tons, works.....ton.14.50 - —
2-4 tons works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- 06
rossed, bls.....lb. .06 - 07
thin, natural, bls. .....lb. .06 - 07
rossed, green, bls.....lb. .09 - 10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural)
Woodflour, dom.. fine, bgs., extra, c.l., works..ton.25.00 -
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock...ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .08 - .10
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .80 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth 1¼c.; El Paso, 2c.) Cedar Rapids, Des Moines, Kansas City Lincoln, Omaha. St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - -
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .06½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H bbls., works.....lb. .01¾ -
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)..lb .02¾- -
Philadelphia, for import..lb. .02¾- -
Portland, Seattle lb. 03 - —
San Pedro, S. Francisco lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02¾- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco lb. 03 -
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E St Louis, Ind'polis, K City, Milwauk., St. Louis, lb. .03¾ -
Minneapolis .....lb. .03¼- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle lb. .03¾- -
San Pedro, S. Francisco lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- -
from whse .....lb. .02¾- -
Yellow Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N. Y..lb. .04½- —
l.c.l., same basis .....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthorisa), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .06¼
Yohimbine hydrochloride, vis..oz. 2.50 - 2.85

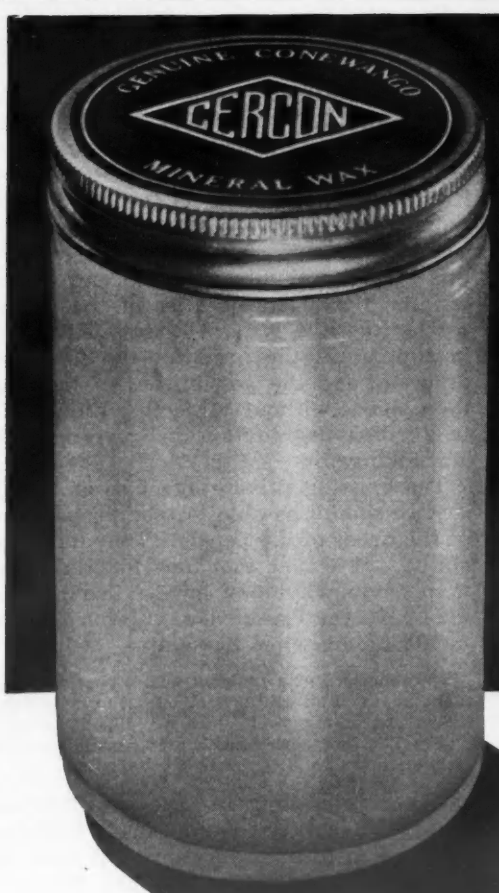
Z

Zinc acetate, tech., bbls., dvld., lb. .21 - —
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
Arsenite, bgs., cs., c.l., dealers, l.c.l., bgs., cs..lb. .13 - —
W. of Rockies, bgs.....lb. .12¾- —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04½- —
tanks .....lb. .0226- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .06½- —
l.c.l., bbls., dlvd.....lb. .07 - —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd...lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except ex whse.,Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —

Whiting—Zinc Stearate

Zinc oxide, pigment, dom., Amer. process, com'l, leaded, 35% bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
50%, bgs., c.l., dlvd., except Pac. cst.lb. .0606- —
Pac. cst.....lb. .0612 - —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
ex whse., Pac. cst. lb. .0631 - —
bbls., c.l., dlvd....lb. .0631- —
l.c.l., dlvd., except Pac. cst..lb. .0656 - —
ex whse., Pac. cst. lb. .0656 - —
French process, com'l, lead-free, bgs., c.l., dlvd.lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06¼- .07¾
ex whse., Pac. cst..lb. .06¼- .07¾
bbls., c.l., dlvd.....lb. .06¼- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
green seal, bgs., c.l., dlvd..lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .08¼- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08¼- —
l.c.l., dlvd., except Pac. cst lb. .08¾ -
ex whse., Pac. cst..lb. .08¾- —
bbls., c.l.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
import, gold seal, cks., ex whse..lb. .12 - .14
green seal, bbls., ex whse.lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12¼
USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .28 - .35
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
U.S.P., bbls .....lb. .21 - —

—Continued on page 54



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Emending The Labor Act

Proposals now in Congress for the revision of the national labor relations act are aimed at the emendment of the statute to the end that the patent inequities of its administrative interpretation may be corrected. The law is basically sound and its objectives are desirable. There have been valid reasons to believe, however, that it has not been applied in a manner best suited to the effectuation of its primary purpose of real improvement of relations between employer and employees.

There can be no question of the desirability of so clarifying the provisions of the labor relations act that employers will be able to make use of the law in their sincere desires to improve their labor conditions. For some reason of phraseology or administration or both, the position of the employer in this respect has not been equitable. He has not been able to take the initiative in commendable endeavors to deal fairly with all his employees.

The law has presented inequities also with respect to the activities of employees, by setting, or appearing to set, a principle of majority rule so hard and fast as to destroy the rights of minority groups. It is not beyond question that the proposed revision in this respect will produce a more salutary result, because it presents the possibility that the attitude of one craft union may, as is now the case, demoralize labor conditions in industries or establishments in which there is no cause of dissatisfaction. This possiblity should be removed by carefully worded assurance of the sanctity of contracts with an individual employer. This, of course, will require a clear definition of the responsibilities of labor.

It must be understood by Congress and by employers and by labor that the labor relations act cannot prove effective in purpose if it provides opportunities for collusion in which representatives of organized labor have a part. This is one evil, more or less real, that underlies the dissention within organized labor. This dissention cannot be eliminated while any cause for it exists, and while it persists there can be no sound improvement in labor conditions. To be successful employer-employee relations must be fair to all—and built in the open.

For Industry Needs Alcohol

Industrial users of alcohol have formed a national council with the prime purpose of carrying on a campaign of education among State legislators and the public in general in the necessity of assuring the supply of this widely essential material against unreasonable restraint in State efforts to control the traffic in alcoholic beverages. This objective has been brought into prominence for consideration by recent decisions of the Supreme Court of the United States which recognize the rights of a State individually to adopt such means of liquor control as it may desire, regardless of the interstate commerce and due process clauses of the constitution.

The newly organized council is of comprehensive scope, embracing the trade, technical, and scientific organizations of the many industries in which alcohol is a most necessary material of manufacturing. This brings into one organization widely diversified interests in a single material, so wide and so diversified that scarcely any other commodity, certainly but few commodities entering into manufacturing processes, can present their equal. These interests cover, not only the many forms of denatured alcohol available free from the Federal tax, but also pure, or plain, ethyl alcohol on which, in spite of its essentialness in drugs, foods, and cosmetics for purposes that are clearly not in the category of beverage use, is levied the same enormous tax that is applied to alcoholic liquors.

Experience in connection with such legislative movements justifies the belief that proposals of unreasonable statutory restraint of the sale and use of alcohol for industrial purposes arise from inadequate understanding of the industrial usefulness of alcohol, from disregard of the fact that alcohol is not solely a component of intoxicating beverages. These same reasons, in still greater degree, lie behind the public opinion which is at best apathetic toward proposals to restrict the sale and use of alcohol industrially.

It is logical, therefore, to assume that the proper presentation of the industrial usefulness and necessity of alcohol will convince the public and its legislative representatives of the reasonableness and desirability of making definite and adequate distinction between alcoholic beverages and alcohol for industrial use in the enactment of laws interpretative of public opinion with reference to the control of the former. This presentation is a problem of education, of public relations. It best can be handled in the several States by representatives of home industries which find alcohol necessary in their manufacturing operations. The Council of Industrial Alcohol Users will provide representatives of many industries of obvious importance in every State for the able performance of the public duty of maintaining full freedom of supply of a widely used material, indispensable in the necessary service of the health and economic welfare of the people.

—O-P-D—

Antisocial Taxation

There is another phase of the use of alcohol for nonbeverage purposes to which the newly formed Council of Industrial Alcohol Users, it may reasonably be expected, will devote remedial efforts in due season. This is the heavy taxation of pure alcohol used in medicines, flavorings, and cosmetics This tax is a hidden sales exercise unnecessarily imposing a heavy burden on the public, especially the sick.

The cost of the tax on alcohol to the consumer of medicines, flavorings, and cosmetics is twelve times the cost of the material taxed. Compared with this impost the much-assailed tax on gasoline is of small proportions—and there is nothing that can be set up, as can the purpose of that tax, as reason, or excuse for the taxation of alcoholic medicines or foods.

The tax on pure alcohol used industrially is a Federal tax. The problem it presents is different from that of individual State restriction of the industrial use of alcohol. But, it is no less an unjustified handicapping of legitimate industry, and it is at least equally inimical to the public welfare. The public has no adequate conception—if it has any whatsoever—of the extent to which it is penalized in additional cost in the necessary use of alcoholic preparations by the unreasonable and largely unwarranted refusal of Congress to admit what everybody knows, that these preparations are not intoxicating beverages. Proper presentation of the costliness of this taxation should do much to enlist public opinion in favor of the exemption of such nonbeverage uses. For this the industrial alcohol users' group has abundant educational data and it will have opportunity to make use of these for a widely beneficial purpose.

The tax on alcohol in any form is not an economic impost but merely the application of taxation to a social purpose. When applied to medicines or other nonbeverage preparations containing alcohol or manufactured with the use of alcohol, its social effects are destructive.

—O-P-D—

Health Plan In Congress

President Roosevelt has laid before Congress, with the suggestion that it be carefully studied, a comprehensive plan of national health improvement prepared by the interdepartmental committee. The President's suggestion of careful study should be heeded by the drug industry, and prompt steps should be taken to have this plan thoroughly analyzed and to determine the responsibilities of the industry for the five general reasons advanced in support of the need for the proposed program, and the possibilities of meeting these needs without subjecting the people to further degradation in governmental almsgiving.

The existing private agencies of health service should be able to take proper care of the needs of the people. They have the ability. It is time that they found out for themselves why they have failed to provide what the President set up for governmental doing when he said:—

> The objective of a national health program is to make available in all parts of our country and for all groups of our people the scientific knowledge and skill at our command to prevent and care for sickness and disability. . . .

There is nothing in that objective beyond the ability of the drug industry and the medical profession. There is no numerical lack of qualified physicians or pharmacists, and the productive capacity of drug manufacturing is adequate to any demand. Still, it cannot be denied that the need to which the President points is not a fancied one.

There is an answer to the problem which the proposal of governmental medical care poses. It is not beyond finding. But, to find it, many eyes and hearts, especially in medicine, must be turned to new purposes.

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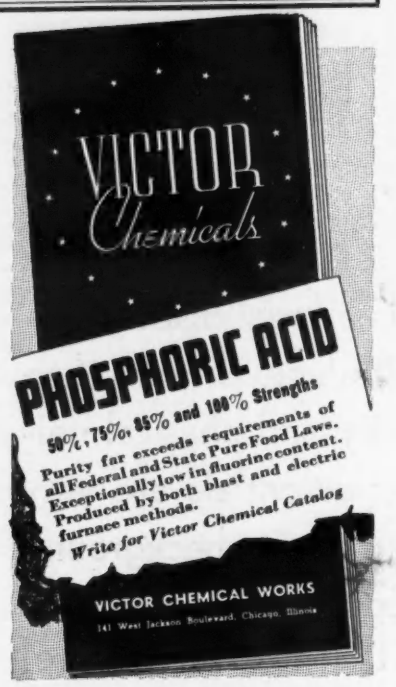
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Heavy Chemicals

Lead Arsenate and Paris Green Quotations Extended for 1939—Tin Derivatives Sharply Lower—Soda Stannate Easier —Tungstic Acid and Oxide Prices Revised

Consumers of heavy chemicals continued to pursue a moderate purchasing policy last week. Business was on a day-to-day basis, and there was little incentive on the part of basic consuming industries to alter this policy of purchasing for urgent requirements. This could be accounted for in part to the uncertainty prevailing over political developments here and abroad. Supplies of most heavy chemicals were adequate to cope with the conservative buying, but there was no inclination on the part of sellers to alter price schedules at this time in view of the higher production costs, and revisions previously made in many important items.

Sharp declines were registered in practically all the tin derivatives, including soda stannate, tin crystals, anhydrous stannous chloride of tin and anhydrous tetrachloride of tin. The downward trend was directly attributable to the weakness displayed in the Straits metal during the past week. The reduction in tungstic acid and tungsten oxide was in line with the lower price established for the metal powder recently, which in turn reflected lower raw material costs. Price schedules were renewed on the same basis for lead arsenate and paris green as sellers made final preparations for the coming season.

Calcium chloride was moving in good volume in the Eastern and Great Lakes region where severe cold and stormy weather stimulated ice control activities. Cyanides were well taken by the automotive trade. Alkalies continued in moderate demand. Potash salts were fairly active. Copperas remained firm. Competition remained keen between domestic and imported soda silicofluoride, but no further price concessions were made.

Alums.—Movement of various alums into consuming channels was moderately active last week. Alumina sulphate, commercial and iron-free, ammonia and potash alums were taken in fair volume from time to time. Price schedules were fully maintained. Imports of alumina sulphate into the Netherlands Indies for use in the manufacture of paper and refined glycerine was exempted from duty under the recent decree issued by the Governor General. Imports of alumina sulphate into the Netherlands Indies during 1937 amounted to 706,208 kilograms.

Ammonia, Anhydrous.—Business was reported as satisfactory for this time of the year, sellers have made considerable progress in renewing contracts, and expectations were that withdrawals would soon get underway for the coming season.

Ammonia, Aqua.—Demand in some sections continued to hold up very well, and the market on the whole received a broad buying interest from major consumers. Price schedules were unaltered.

Ammonia Carbonate.—The food industry provided the bulk of the business in the market, and business was largely of a routine character. Quotations were in conformity with the previous period.

Ammoniac Sal.—The market underwent no important changes as far as demand and prices were concerned. Withdrawals of the white and gray material were taken in moderate quantities by the dry battery, textile and metallurgical trades.

Antimony.—Quiet conditions prevailed in the market for domestic antimony metal, and transactions were usually confined to small quantities. Spot price was unchanged at 11¾c. per pound.

Arsenic.—Fair-sized withdrawals of white arsenic were taking place for the account of insecticide manufactures, which is a seasonal development as processors prepare for the Spring season. There was little feature to the dealings in the red material. Pricewise the market was unaltered, and a steady tone prevailed.

Barium Chloride.—The market failed to reflect any marked change throughout the past week. Transactions from the major consuming sources were held close to production requirements. Prices were without change.

Bleaching Powder.—Shipments were moving into usual consuming channels at a moderate pace, with little disposition on the part of consumers to place commitments beyond nearby needs.

Blue Vitriol.—A fairly active demand was uncovered for commercial and water treating purposes. It was still too early for any substantial business to materialize for horticultural use, although preparations were going forward for the Spring season. Export demand continued favorable. Quotations were well sustained at previous levels.

Calcium Chloride.—In sections where storms and severe cold weather prevailed, such as the Eastern seaboard and Great Lakes region, business was stimulated for ice control activities. Withdrawals for the many other usages developed recently was showing satisfactory results. A steady to firm price tone remained in evidence.

Carbon Bisulphide.—The bulk of the business was provided by industries engaged in the use of this material for solvent purposes, the call for disinfectant and insecticide purposes was without particular feature. In view of the increased demand for carbon bisulphide in Japan the leading producers are drafting production expansion schemes.

Chlorine.—Buying interest was fairly broad in the market last week. While some caution was displayed by major industrial consumers, sellers were able to point to a steady call from the textile, paper, metallurgical and sanitation channels. The market underwent no price revision, and quotations prevailing previously were steady to firm.

Copper.—Sentiment in the domestic copper dealings generally continues to adhere to the belief that no change in the 11¼c. a pound, delivered Connecticut valley, price is imminent. Although the demand here has been greatly reduced in recent weeks, some buying by fabricators was expected in the near future. Quotations in the foreign market were ranging around the 10.17½c. per pound level, and business was moderately active. The mine production of recoverable copper in the United States in 1938 was about 552,545 tons, according to estimates of the Bureau of Mines. The output of copper in 1937 was 841,998 tons, indicating a decrease in 1938 of 289,453 tons, or 34 percent.

Copperas.—The market remained in a firm position, with stocks of material at comparatively low levels. Demand was sufficient to absorb a good portion of the material on hand. Steel operations showed a slight recession last week at 51.2 percent of capacity, against 52.7 percent a week ago, and 32.7 percent a year ago.

Fluorspar.—Developments of importance were lacking in the market throughout the past week, and business was strictly routine in most consuming

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Acid, tungstic, 25c. per lb.
Soda stannate, 1½c. per lb.
Tin, Straits, 1½c. per lb.
crystals, 1c. per lb.
stannous chloride, anhy., 1c. per lb.
tetrachloride, anhy., ½c. per lb.
Tungsten oxide, 25c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.2

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

lines. Pricewise the market was without change.

Lead Acetate.—There was little feature to the dealings in this direction, with consumers content to make only necessary witdrawals at this time. Price schedule was in conformity with quotations prevailing for some time.

Manganese Dioxide. — Withdrawals against contracts and spot transactions were of a modest character in most quarters last week. The lower quotations established at the beginning of the year were without further change.

Nickel Salts.—A satisfactory interest was reported in most directions during the past week. The plating trade withdrew fair-size quantities, while other consumers were well represented, too. A steady to firm price tone governed the dealings.

Phosphorus.—Demand for phosphorus and compounds was moderately active. Quotations were without change in all divisions of the market. The Japanese press reports that exports of phosphorus were resumed recently. In the past Japanese phosphorus has been marked largely in United States, Europe and India, according to the American attache at Tokyo.

Potash Carbonate.—The glass, soap and textile trade were well represented in the market from time to time, although commitments were held to moderate proportions in the majority of instances. No change took place in the price schedules.

Potash, Caustic.—Sellers report a fair interest in the market from most major consuming sources, with the disposition to order for nearby needs still prevalent. Quotations ruled unchanged.

Potash Chlorate.—The match industry supplied the best portion of the business in the market, and transactions were described as only fair. Various grades of material were without any price change.

Potash Cyanide. — Usual consumers were making moderate withdrawals for electroplating and case hardening purposes throughout the past week. A steady to firm price tone prevailed.

Saltcake.—Operations in the paper and glass industry were maintained at steady levels, and withdrawals against contracts were making a favorable showing as compared with the same time a year ago. Quotations for domestic and imported material were unchanged. Progressive increases have been registered each year in the imports of saltcake into Finland. Total imports during 1913 were 18,466 metric tons, compared with 70,813 metric tons during the year 1937.

Saltpeter.—Little in the way of new developments took place in the market, demand was spotty and most consumers were inclined to adhere to a conservative purchasing policy. Price schedules were without alteration.

Soda Acetate.—A moderate interest was displayed in the market from time to time. The market offered nothing new in the way of price developments, and quotations established some time ago were still in force.

Soda Ash.—Demand continued of a moderate character in the market last week. Some caution from basic consuming industries prevailed, and actual withdrawals against contracts were held close to production requirements. Price schedules in force for some time were without change.

Soda Bicarbonate.—Prices were without change in the market, and sellers were able to point to a satisfactory volume of business from principal consumers, with the food industry making steady withdrawals against contracts.

Soda, Caustic.—Volume of business was steady, and shipments continued to move into some major consuming channels such as glass, rayon, paper, textile and rubber at a much better level than a year ago. There was no alteration in price schedules. The United States' share of the rising imports of caustic soda into Colombia increased greatly during 1937 in contrast with the sharp decrease in 1936. Imports during 1937 from this country totaled 1,165 metric tons, compared with only 606 metric tons in the 1936 period.

Soda Cyanide.—Demand from the automotive industry for electro-plating and case hardening purposes showed more stability than the previous week, and reflected the improvement in operating activities in most automotive plants. A steady to firm price tone prevailed.

Soda Metasilicate.—A moderate interest was centered in the market for water softening and cleaning purposes, with the laundry, bottling and industrial plants supplying the call. Quotations were without change.

Soda Nitrite.—The textile trade in some sections provided a steady interest in the market during the past week. There was nothing new to report in the prices, and a steady tone predominated.

Soda Phosphate.—Sellers could point to a satisfactory call for mono-di and tri sodium phosphates from the various consuming sources last week. Price schedules were in conformity with the preceding period. Imports of sodium phosphate into the United Kingdom has been declining in the past few years. However, the United States has assumed importance in recent years, somewhat over one-third of the 1937 total having been furnished by this country and the remainder largely by Germany.

Soda Silicate.—Transactions in the market continued moderately active, and shipments were prominently mentioned as moving for the account of the paper box, textile and soap trades last week. The range of soluble sodium silicates for detergent purposes produced at Treviglio, Italy, will be extended, according to trade reports.

Soda Silicofluoride.—Business was described as favorable in some quarters last week. Competition remained keen between the domestic and foreign material, but no further price concessions were uncovered in either product.

Soda Stannate. — Quotations were sharply lower at 30c. to 33c. per pound, and was attributed directly to the lower price prevailing for the Straits metal. Business continued comparatively good.

Sulphur, Refined.—Various grades of refined sulphur were in fair demand. Withdrawals were rather broad, but quantities were somewhat restricted to take care of nearby production requirements. Price schedules were without alteration.

Tin Salts.—Sharp decline in Straits metal brought about corresponding revisions in tin derivatives ranging from ½c. to 1c. per pound. Tin crystals were quoted at 35½c. to 36c. per pound; anhydrous stannous chloride of tin, 43½c. to 44c. per pound, and anhydrous tetrachloride of tin, 23¼c. per pound. Straits metal was quoted around .4520c. per pound.

Tungsten Oxide.—Price for C.P. oxide was lowered 25c. per pound at $2.40 to $2.60 per pound, according to quantity. Quotations were withdrawn on the technical grade, and supplanted by a purer chemical grade, which was listed at $1.75 to $1.85 per pound.

Zinc Sulphate.—Quiet conditions prevailed in the market for the best part of the past week, and withdrawals were held to modest proportions in practically all instances. Prices were unchanged. A plant has been established in Rumania to produce zinc sulphate, according to the American consulate at Bucharest.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Acids

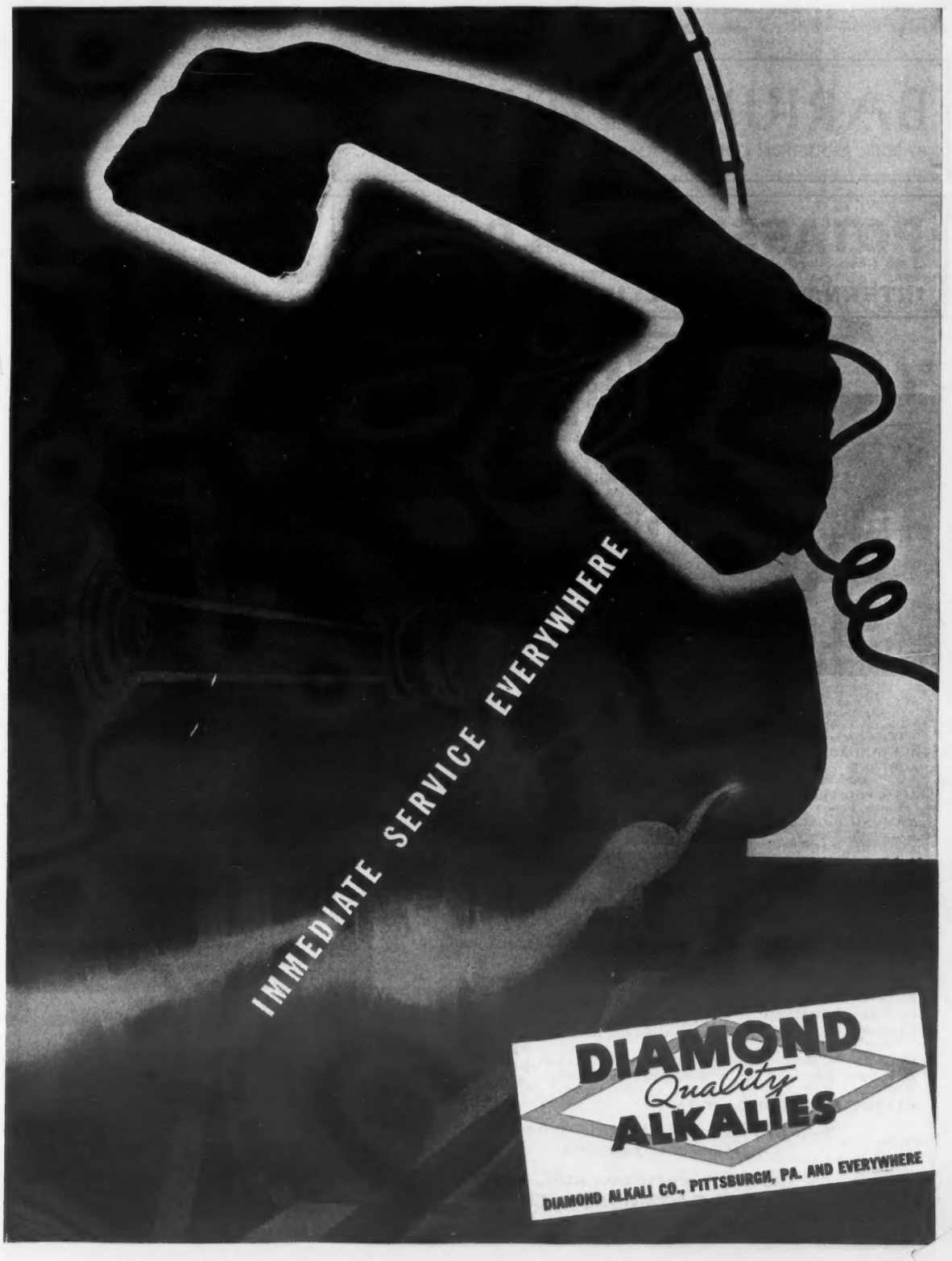
There was very little change in the character of business in the market for mineral acids last week, consumers continued to display caution in making purchases, and usually confined shipments to take care of nearby requirements. The only price change was recorded in tungstic acid, which corresponded to the reduction recorded in other tungsten derivatives. Price schedules otherwise were unaltered. Competition was keen in some acids such as acetic and formic, but the condition was more or less localized.

Acetic.—The market remained highly competitive on some sections last week. Business was maintained at steady levels in most consuming lines. Exports of acetic anhydride from the United States during the first nine months of 1938 totaled 295,190 pounds, against 66,780 pounds in the corresponding period a year ago. Shipments went to fourteen foreign markets, Belgium, Germany and Italy being the principal takers.

Chromic.—A steady to firm price tone governed the dealing throughout the week. Shipments were moving to consumers in fair volume.

Formic.—The market underwent no price changes, although competition was felt from time to time from the imported material. Business was described as moderate in most quarters.

Muriatic.—The textile and rubber trade were making withdrawals to cor-



respond with current production schedules. There was nothing of importance to report in the prices, and schedules were unaltered.

Nitric.—Transactions continued moderately active throughout the past week. Pricewise no changes developed, and quotations previously established were maintained.

Oxalic.—Withdrawals against contracts and spot business was holding steady in most directions. The bulk of the business went to small consumers. Prices ruled unchanged.

Sulphuric.—With some large consumers inclined to follow a conservative purchasing policy, business in the market for various grades of sulphuric acid continued only fair. Operations in some basic consuming industries failed to expand, and, consequently, there was little disposition to place commitments beyond nearby requirements at this time. Quotations for various grades of acid were without change.

Tungstic.—Late last week quotations for C.P. tunstic acid was lowered 25c. per pound at $2.35 to $2.55 per pound, according to quantity. Quotations for the technical grade was withdrawn and a purer chemical grade was substituted, which was listed at $1.70 to $1.80 per pound.

BALTIMORE, Jan. 25.—Weather and other conditions combine to make the market for sulphuric acid very quiet at this time. With most of the time contracts out of the way, there is little opportunity to develop any activity of consequence, a state of affairs that will probably continue until some new developments give further impetus to the market, and it is found that the calculations made the basis of the business already arranged for prove inadequate. The nominal figures stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. The market for oleum is also unchanged, with the inquiry small and with $17 for 20 percent stocks still mentioned as the nominal price.

Insecticides

The release of 1939 price schedules for lead arsenate and paris green provided about the only feature to the market for agricultural insecticides and fungicides last week. The new schedules were without change. With the active season for withdrawals approaching, additional schedules were expected to make their appearance in the near future. Current business remains dull.

A bill (H.R. 2955) to provide for the establishment and operation of an experiment station for the study of pests and diseases affecting dark-fired tobacco has been introduced in congress by Representative Joseph W. Byrns, jr., of Tennessee. The experiment station would be located in the dark-fired tobacco area of Tennessee, and the bill carries an authorization for such appropriations as may be necessary.

Lead Arsenate.—Quotations for lead arsenate will remain firm for the coming season. Dealers schedule follows:—bags, west of Rockies, car lots, 11c. per pound; less car lots, 11½c. per pound; bags, west of Rockiest, car lots, 11c. per pound, and less car lots, 11¼c. per pound.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Lime Sulphur.—Schedules for the dry and solution material were expected to be announced shortly. Sellers were making active preparations for the coming season.

Paris Green.—Prices for paris green were extended. The schedule follows:—Drums, barrels, f.o.b. works, freight allowed, car lots, 23c. to 25c. per pound; less car lot, same basis, 24c. to 26c. per pound.

Percy Magnus Honored By N.Y. Trade Board

—Continued from page 4

December. Approximately 500 were in attendance.

Mr. Magnus was presented with several volumes of bound letters from friends all over the country. W. E. McKell, who succeeds him as president, made the presentation. Thomas I. Parkinson, president of the Equitable Life Assurance Society, delivered the principal address, and stressed the point that during the presidency of Mr. Magnus the organization paid off a large accumulated debt and increased its membership 60 percent. Frederick E. Crane, chief judge of the Court of Appeals, presided as toastmaster. Bishop William P. Manning gave the invocation, and D. L. Tilly was chairman of arrangements.

When introduced Mr. Magnus said, in part:—

I am overwhelmed by gratitude for your graciousness in coming to this dinner tonight. Whatever I may have contributed during my years of service as president of the New York Board of Trade, this expression of friendship overwhelmingly compensates. Tonight, I am more deeply in your debt than ever before.

It was a kind and propitious fate which six years ago afforded me the opportunity of becoming the president of this organization, with its very fine traditions, its history, and its magnificent record of service. Six long and eventful years—not only in the history of the organization, but in the history of our country and in the history of the world.

For many of us, it takes now more courage to look back than to look forward—back to those times when everything which we felt was stable and secure seemed to be crumbling and where desolation appeared inevitable.

Those of us who have lived the past decade—grasping a little here and a little there of the momentous things taking place—realize that what in former times took centuries, is being worked out within a few short months.

Some things we know assuredly tonight which but a few short months ago were in grave doubt. Eternal verities have been tested by fire, and they remain true and constant. We definitely know that in this country—though many changes are being worked out—the basic structure of representative government remains unimpaired. America goes on, not yielding to the ingratiating promises of foreign ideologies. We are also more sure tonight than ever before that under this government the rights of private property will be retained—that the theory of producing for profit has withstood the assault and that private initiative and personal application will be entitled to rewards. We have won victories for Americanism and for our economic system.

To be sure, both our system of government and of our industry have been modified and adjusted to meet new and changing conditions. To be sure, our government has taken on new functions, and business has taken on new responsibilities. But both government and economics have long been embedded on such firm basic foundations that upon them we shall build the structure of the new future into which we are just entering.

It is to the future that we must look. The past holds only our record—the future holds our work. We create a past only by looking to what is ahead. The New York Board of Trade goes on. One of the greatest compliments that you have paid me personally is the selection of my succesor. I have confidence in the future of the board, and I earnestly bespeak the same full measure of cooperation and support for Mr. McKell that you have given to me so generously.

General Electric to Erect Building for Chicago Offices

The General Electric Company has purchased 77,000 square feet of land for the erection of a building for its Chicago headquarters. An expenditure of approximately $2,500,000 is involved in the project, of which about 20 percent represents investment in land. The site occupies the block bounded by South Canal, South Clinton, West Cabrini and West Arthington streets. Work will soon be started on the building which will provide space for the General Electric sales offices, warehouse and service shop; the General Electric Supply Corporation; R. Cooper, jr., Inc.; and other associated interests.

Baker Chemical Salesmen Hold Annual Convention

Field representatives of the J. T. Baker Chemical Company, Phillipsburg, N. J., held their annual sales convention in the Hotel Easton, January 19 and 20, under the direction of Ralph Clark, general sales manager, and Herbert H. Garis, president of the company.

There were two guest speakers, Dr. Marvin J. Andrews, of the University of Maryland School of Pharmacy, and S. B. Wildrick, president of Wildrick & Miller, Inc., advertising agency. Dr. Andrews's talk covered the subject of pharmaceutical chemicals today and tomorrow. Mr. Wildrick presented the Baker advertising plans for 1939 and outlined how advertising could be made an assistant salesman for every field representative.

Sales Manager Clark had the group as his guests at his Easton home for dinner and entertainment the first night of the convention, and the following night, the annual banquet of both sales and manufacturing staffs was held in the Pomfret Club, Easton.

United States Glass Company, Tiffin, Ohio, is moving its press shops to the plant it is reopening in Glassport, Pa.

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

POTASSIUM CHLORATE
INTERNATIONAL SELLING CORP., 26 Beaver Street NEW YORK

DU PONT
REG. U.S. PAT. OFF.
R & H INDUSTRIAL CHEMICALS

ACCELERATORS
Diphenylguanidine
Diortho Tolyl Guanidine
Triphenylguanidine
ACETANILID
ACETONE
C. P. and Methyl
ACID, PHOSPHORIC
Various Grades
AMMONIUM CARBONATE
Lump and Powder
AMMONIA, SAL
Granular White 99-100%
Gray, Fine and Coarse
ANTIMONY OXIDE
ARSENIC, RED
BARIUM CHLORIDE
BARIUM HYDRATE
BICHROMATE
Soda and Potash
BORAX
BORACIC ACID
CAFFEINE ALKALOID
CARBON TETRACHLORIDE
CHROMIC ACID
COPPER CARBONATE
52-54%
CYANIDE, POTASSIUM
ETHYLENE DICHLORIDE
FELDSPAR, "CHEMI-TROLD"
FORMIC ACID
IRON BY HYDROGEN
IRON CHLORIDE
LITHIUM SALTS
MANGANESE CHLORIDE
NAPHTHALENE
NICKEL SALTS, SINGLE AND DOUBLE
NICKEL CHLORIDE
NITRITE SODA
OXALIC ACID
PARADICHLOROBENZENE
OXALATE AMMONIA
OXALATE POTASH
BINOXALATE POTASH
BICARBONATE POTASH
CAUSTIC POTASH
Fused, Broken, Ground and Flakes
CARBONATE POTASH
Liquid, Calcinated and Hydrated
PERMANGANATE POTASH
RED PRUSSIATE POTASH
YELLOW PRUSSIATE POTASH
YELLOW PRUSSIATE SODA
SODA ACETATE
SODA ASH
SODA BICARBONATE
SODA CAUSTIC
SODA SILICO FLUORIDE
ACID SODA FLUORIDE
SODA FLUORIDE
STEARATES
Aluminum, Calcium, Magnesium and Zinc
SULFUR CHLORIDE
SULFUR DIOXIDE
TETRA SODA PYROPHOSPHATE
TRISODIUM PHOSPHATE
ZINC CARBONATE
ZINC CHLORIDE

Also refrigerants, nonflammable solvents, cyanides, formaldehyde, active oxygen products, ceramic chemicals, etc.

Write for January price list giving prices on these and other chemicals

THE R. & H. CHEMICALS DEPT.
E. I. DU PONT DE NEMOURS & CO., INC.
Empire State Bldg., N. Y. C.

Quarterly PRICE LIST DuPont Chemicals FOR ALL INDUSTRIALS

"ANOTHER ORDER CANCELLED! SHIPMENT DAMAGED BY WATER! CAN I CONTROL THE WEATHER?!!"
"WANTA MAKE A HIT WITH THE BOSS? TELL HIM ABOUT BEMIS WATERPROOF BAGS."
BEMIS Waterproof BAGS
"OH BOY! IS IT RAINING ORDERS! BEMIS WATERPROOF BAGS SURE DID THE TRICK."
BEMIS Waterproof BAGS

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Does moisture affect your product? Then investigate Bemis Waterproof Bags! They keep your product dry and "factory fresh" until ready for use. These new type containers boost sales, reduce damage claims, save on packing, handling and shipping costs. Send for information.

BEMIS BRO. BAG CO.
400 Poplar St., St. Louis 5102 2nd Ave., Brooklyn

Bemis 3-Ply Protection
Burlap or cotton cemented to sift-proof paper with a flexible waterproof adhesive.

McK.&R. Issues Financial Statement

—*Continued from page* 3

Liabilities

Notes payable to banks	$4,750,000.00
Other notes payable.	671,000.00
Overdrafts at banks.	161,000.00
Acceptances payable against warehouse receipts and merchandise received under trust receipts	3,158,000.00
Other acceptances payable	1,025,000.00
Accounts payable...	9,881,000.00
Dividends payable..	454,000.00
Wages, salaries, local taxes, commissions, and other accrued liabilities	1,516,000.00
Reserve for Federal and foreign taxes on income	707,000.00
Twenty-year 5½% convertible debentures, due May 1, 1950 (less $105,000 face value held in treasury—at cost, $112,742.50)	15,721,257.50
Reserve for contingencies and exchange fluctuations	301,000.00
Total	$38,345,257.50
Balance represented by capital stock and deficit—	
Preference stock—without nominal or par value—$3 series: issued and outstanding, 605,964 shares	$30,298,200.00
Common stock—par value $5 per share, issued and outstanding—1,282,983 shares	6,414,915.00
Deficit	8,943,371.50
Total	$27,769,743.50

The company is contingently liable in connection with (1) a contract guaranteeing the sales and net profits of its partially owned Canadian company, McKesson & Robbins, Limited, (2) notes, etc., discounted, endorsed or guaranteed of approximately $470,000.00, (3) lawsuits pending against the company for approximately $175,000.00 (not in connection with reorganization proceedings).

No provision has been made in this estimated statement for (1) reorganization expenses or claims incident to the reorganization proceedings, (2) additional Federal income taxes assessed against the corporation for the years 1931, 1933, and 1936, as the company disputed these assessments and as claims for refunds which will be filed for taxes paid on profits arising from transactions believed to be fictitious during the years 1931, 1933, 1935, 1936, and 1937 may exceed the amount of such additional assessments, (3) possible loss on advances to Anglo-Swiss Acceptance Corporation, Ltd., and Anglo-French Finance Corporation, Ltd., of $335,000.00 pending the valuation of the collateral pledged to secure these advances, (4) possible proofs of claim which may be filed and allowed for which no provision is made in this estimated statement.

Provision for loss has been made for the entire investment in the Common Stock of McKesson & Robbins, Limited, partially owned Canadian company and also for the entire amount due from that company and its wholly owned subsidiary, McKesson & Robbins, Limited (England), which according to the books aggregate $1,421,000.00.

No consideration has been given in this estimated statement for any assets which may be recovered as a result of proceedings which may be instituted by the trustee.

January 24, Mr. Wardall issued a preliminary estimate of the company's sales, after eliminating the sales of the so-called "crude drug" department and the Canadian subsidiary, which are believed to be fictitious. The preliminary estimate of net sales for December, 1938, is $14,712,000, compared with adjusted net sales of $15,323,000 in the same month of the previous year, or a decrease of 3.99 percent. The figure for the full year of 1938, as adjusted by the elimination of the sales of the crude drug department and Canadian subsidiary, is $147,321,000, against the comparable total of $155,904,000 for 1937, or a decrease of 5.51 percent. Adjusted net sales for the eleven months ended November 30, 1938, were $132,609,000, compared with $140,581,000 for the same period in the previous year, or a decrease of 5.67 percent.

Federal Judge Alfred C. Coxe has approved the renewal of del credere factor contracts under which McKesson & Robbins will continue to distribute certain products under a national consignment policy for the International Cellucotton Products Company, Miles Laboratories, Inc., Dr. Miles California Company, Coty, Inc., E. R. Squibb & Sons, the Pepsodent Company, the Pepsodent Company of California, and the Upjohn Company.

Mr. Wardall, who secured the court's approval to this action, said that he had been authorized to negotiate similar contracts with Lanteen Medical Laboratories, Inc., the Barbasol Company, Feminine Products, Inc., and the National Carbon Company, for which McKesson & Robbins was acting as del credere factor previous to reorganization proceedings.

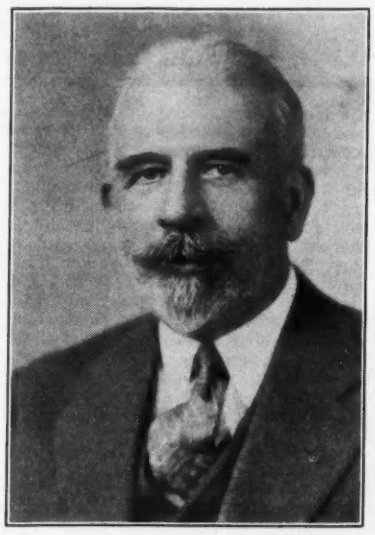
Industrial Alcohol Users Organize Council

—*Continued from page* 3

Federal laws, even through the prohibition era, continuously have provided for and promoted the industrial use of alcohol with a minimum of regulation. He said that the presentation to State legislatures of facts in respect of the necessary and widespread use of alcohol in industrial processes was needed to correct narrower views, and it was his belief that his task could well be performed by members of the alcohol-using industries in the several States. This was his reason for advocating the formation of a council fully representative of these industries.

D. H. Killeffer, speaking for Dr. Harrison E. Howe, of the American Chemical Society, who was unable to attend, told of the work of the society in furtherance of freedom of supply of industrial alcohol and said that the editorial department of the society was in hearty accord with the proposal of a users' council. This position of the society was stated also by Dr. M. H. Ittner, chairman of its committee on industrial use of alcohol, who also spoke of the need for broad education on the industrial status of alcohol.

Carroll Dunham Smith, president of the American Pharmaceutical Manufacturers Association, heartily endorsed the proposal of a council and stressed the additional cost of medical care



Dr. Harrison E. Howe
Executive Secretary, Council of Industrial Alcohol Users

caused by the heavy taxing of alcohol used in manufacturing pharmaceuticals. This tax angle, and the millions of dollars it represents annually, was presented also by L. P. Symmes, president of the Flavoring Extract Manufacturers Association of the United States; John H. Beach, a member of that association; Hugo Mock, counsel of the Toilet Goods Association; Charles P. Tyrrell, secretary of the Proprietary Association; and Hubert O'Malley, of counsel of the Beauty and Barber Supply Institute. These speakers all were earnest in their endorsement of the proposal of a council of industrial users of alcohol.

Strong endorsement was spoken also by M. Q. Macdonald, general counsel of the National Paint, Varnish and Lacquer Association, and Alfred D. Van Buren, formerly chief counsel of the Federal prohibition unit. The necessity for and possibilities of public relations work by an agency such as the proposed council were presented by Hugh Craig, of the OIL, PAINT AND DRUG REPORTER, and Ray Schlotterer, secretary of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. The proposal of a council of industrial users of alcohol was endorsed in communications read by the secretary from Dr. E. F. Kelly, secretary of the American Pharmaceutical Association; J. M. George, secretary of Interstate Manufacturers Association; C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce of the United States Department of Commerce; Warren Kinsman, of E. I. duPont de Nemours & Co.; and Rowland Jones, jr., Washington representative of the National Association of Retail Druggists.

Organization of the council, approved by unanimous vote, was effected in a meeting, as a committee on organization, of the representatives of industrial users of alcohol present at the conclave. Dr. Ittner acted as chairman of this committee; Miss Boyce served as secretary.

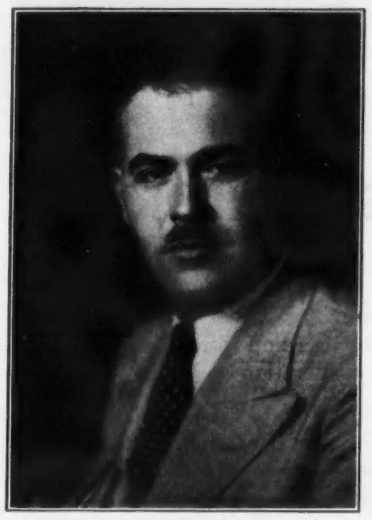
The committee selected the following as officers of the council:—

Chairman, Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association.

Vice-chairman, Carroll Dunham Smith, president of the American Pharmaceutical Manufacturers Association.

Executive secretary, Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry* for the American Chemical Society.

Treasurer, Rowland Jones, jr., Washington representative of the National Association of Retail Druggists and secretary of the National Drug Trade Conference.



Rowland Jones, Jr.
Treasurer, Council of Industrial Alcohol Users

More than fifty persons were present at the meeting, the attendance comprising, in addition to industrial users of alcohol, representatives of producers of industrial alcohol, attorneys and others interested in the legislative matters involved, and representatives of the trade and technical press. Among those present were:—

N. C. Babcock, of the Carbide & Carbon Chemicals Corporation; Robert T. Baldwin, of the Chemists Club; H. M. Batters, of

James P. McGovern
Father of Council of Industrial Alcohol Users

Chemical and Metallurgical Engineering; John H. Beach, of Seeley & Co.; J. D. Bohan, of the Proprietary Association; Miss R. E. Boyce, of the Industrial Alcohol Institute; Dr. Frank M. Boyles, of Seeley & Co.; Maurice W. Butler, of the *American Paint Journal;* Prince M. Carlisle, of the *New York Times;* D. E. A. Charlton, of the *Glass Packer;* Hugh Craig, of the OIL, PAINT AND DRUG REPORTER; A. H. Dammig, of C. P. Chemical Solvents, Inc.; Hersey Egginton, of Larkin, Rathbone & Perry; Walter E. Frohboese, of C. P. Chemical Solvents, Inc.; Miss Dorothy Frooks.

Dr. William J. Hale, of the Dow Chemical Company; Williams Haynes, of *Chemical Industries;* Dr. Martin H. Ittner, of the Colgate-Palmolive-Peet Company; L. A. Keane, of U. S. Industrial Chemicals, Inc.; D. H. Killeffer, of *Industrial and Engineering Chemistry;* William F. Krug, jr., of E. I. duPont de Nemours & Co.; M. D. MacBurney, of the Royce Chemical Company; M. Q. Macdonald, of the National Paint, Varnish and Lacquer Association; James P. McGovern, of the Industrial Alcohol Institute; A. Mersch, of the Puerto Rico Distilling Company; Hugo Mock, of the Toilet Goods Association; Hubert O'Malley, of the Beauty and Barber Supply Institute; James G. Park, of Daggett & Ramsdell; Miss P. J. Plech, of the Industrial Alcohol Institute; Bruce Puffer, of the Commercial Solvents Corporation.

Henry J. Sage, of the Henry J. Sage Company; W. C. B. Schlesinger, of the Beauty and Barber Supply Institute; Ray Schlotterer, of the Drug, Chemical and Allied Trades Section of the New York Board of Trade; Mitchell M. Shipman, attorney; Carroll Dunham Smith, of the Carroll Dunham Smith Pharmacal Company; Lloyd E. Smith, of the Virginia Dare Extract Company; R. Gordon Smith, of Seeley & Co.; J. Starr, of of the Standard Drug Company; Lionel Strassburger, of S. Sternau & Co.; L. P. Symmes, of the Baker Extract Company; Charles P. Tyrell, of the Proprietary Association; Stephen F. Urban, of E. R. Squibb & Sons; Alfred D. Van Buren, attorney; C. S. Welsh, of the Toilet Goods Association; Julian A. Wesseler, of the Commercial Solvents Corporation.

Monsanto Presents Picture of Company

—*Continued from page* 4

holders, once removed, by virtue of their financial interests in companies or groups that own stock, included more than 25,000,000 holders of life insurance policies; more than 170,000 shareholders in investment trust groups; and additional tens of thousands of persons who are students in universities or colleges or recipients of below-cost service in hospitals or charitable institutions.

To provide an accurate picture of stockholders, removed from the coldness of statistics, interviewers and photographers were assigned to talk with and photograph stockholders in Cincinnati, that city being chosen because the company has no plants or laboratories there, because it is central, and because it is as typically an average American city in makeup as Monsanto is an American company. These pictures show that the men and women who own the company are the same type of people as those who are employed by the company, having similar backgrounds and hobbies, and love of home and country.

Interesting pictures of Cincinnatians who are owners include those of a director of one of the world's largest chain grocery companies and a bookkeeper employed by the same company, a director in a large soap company and a chemical analyst in the laboratory of that company, a gentleman farmer and a potato and vegetable commission man, a professor and a student in the same university, a society woman and the secretary in a downtown office, a manufacturer of heavy machinery and an operator of a filling station.

The entire survey has been published in *Monsanto Magazine*, a company publication distributed regularly for the past eighteen years to employees and stockholders. It is the company's hope that the survey will inspire other corporations to do likewise, in order that the employees and the customers of American enterprise may have a true picture of how it is constituted in broad interrelationships.

F.T.C. Order Against 'Big Dealer' Discounts

—*Continued from page* 5

nating in price between, on the one hand, purchasers of ophthalmic stock merchandise and equipment who also buy merchandise from the respondents on prescriptions for eye glasses, and, on the other hand, purchasers of such merchandise and equipment who do not buy from the respondents on prescriptions, unless such price differences make only due allowance for differences in cost resulting from differing methods or quantities of sale or delivery.

The respondents also are directed to cease and desist from discriminating in price between different purchasers of their products by granting or allowing any other or similar cumulative or volume discounts, rebates or price reductions, where the effect of such discrimination may be in violation of the Robinson-Patman act.

Toiletry and medicinal importers and dealers in France have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10c. per copy.

SUCCESSFUL RECOVERY

..thanks to shorter boiling ranges

Short boiling range makes important reductions in solvent loss during recovery operations, and promotes quick completion of evaporation or drying processes.

Close and careful cutting makes possible the exceptionally short boiling ranges of Barrett Coal-Tar Solvents. This feature is characteristic of those of both low and high initial points.

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Coaltar Chemicals

Phenol Demand Satisfactory—Pyridin Continues Short—Refined Naphthalene Moving to Jobbing Channels—Phthalic Anhydride Moderately Active

Conditions in the market for coaltar chemicals underwent little change during the past week. Volume of business ranged from fair to good in most products. Refined naphthalene and phenol gave a good account of themselves in the crude division; coaltar solvents were steady, while intermediates moved in satisfactory volume. Coaltar acids and colors were moderately active. Prices were steady to firm, and no changes were reported in the schedules.

Shipments of refined naphthalene were moving to jobbers, who were replenishing inventory for the coming season, and this reflected on the crude material to some extent. There was no further easiness reported in the foreign market. The synthetic resin and plastic trade provided a good interest for phenol, and demand on the whole in the market was considered quite satisfactory. Stocks of pyridin were short, and some sellers were entirely sold up on current production levels. Coaltar solvents moved steadily to the surface coating trade. A fair inquiry was uncovered for various grades of cresylic acid. Routine dealings were experienced in the market for creosote oil, tar acid oil and cresols. Interest in various coaltar intermediates were reported satisfactory, with dimethylanilin, orthonitrotoluene and phthalic anhydride prominently mentioned as enjoying good buying support. Maleic acid was moving at a moderate pace in most directions. Activity in coaltar colors was steady, and business continued to make a much better showing than during the same period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.7	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market for benzol remained rather steady as far as the character of business was concerned, consumers make their appearance fairly regularly for moderate size commitments. Quotations were fully maintained at the levels prevailing for some time. Sellers report a good inquiry for export from time to time. Production was running well above the same period a year ago, coking operations expanding with the higher steel output. Operations in the steel industry last week were estimated at 51.2 percent of capacity, compared with 52.7 percent in the preceding week and 32.7 percent in the corresponding period a year ago. Increased demand for coke for metallurgical purposes in Germany and also for synthetic gasoline process has led to the construction of new coking plants which, when in operation, will automatically increase benzol production. The modernization of gas works to enable the recovery of benzol will also add approximately 25,000 tons a year to benzol production and this source will probably become more important as it has been found much cheaper to adapt existing gas works than to build new carbonization plants.

Creosote Oil.—Withdrawals against contracts were fair in this direction throughout the past week. The outlook continued cheerful, and sellers remain hopeful of increased business from railroad and utility consumers. Price schedules were without change. Shipments of creosote oil and other heavy coaltar oils from the United Kingdom during the first eleven months of 1938 totaled 34,188,614 imperial gallons, compared with 37,787,770 and 29,916,226 imperial gallons in the corresponding period of 1937 and 1936, respectively. The United States is the major purchaser of this item.

Cresol.—There was little feature to the market for various grades of cresols. Quiet conditions prevailed in the U.S.P. and synthetic resin material, and withdrawals were held to nearby requirements. Quotations were unchanged.

Cresylic Acid.—A fair inquiry was uncovered in the market, but actual business was not large. Major consumers were following a conservative purchasing policy in most instances. Quotations in the import market were steady. Exports of cresylic acid from the United Kinglom during the first 10 months of 1938 dropped to 1,557,512 imperial gallons, valued at £238,230, from 2,273,073 gallons, valued at £393,440 during the corresponding period of 1937.

Naphthalene.—Demand for refined naphthalene began to materialize as jobbers began to replenish stocks for the coming season, and shipments were expected to gain momentum as the year progresses. Interest in the crude material was not entirely lacking, reflecting to some degree the preparations being made for the refined material. Domestic prices were without alteration. While the tone of the imported material remained easy, there was no further concessions reported in the prices.

Phenol.—Business for the account of the synthetic resin and plastic trade provided the market with good support, and sellers were able to report satisfactory volume of business in the market last week. There was little to report in the export market. Quotations were in conformity with those prevailing previously.

Pyridin.—Stocks of material continued short, and some sellers were entirely sold up on current production levels. The higher quotations established previously were well sustained, and a firm tone governed the dealings.

Tar Acid Oils.—Transactions in the market were only fair last week. The call for disinfectant purposes was held to moderate proportions in practically all instances. Prices were in line with the preceding period.

Toluol.—Demand continued steady in most directions throughout the week. The surface coating trade supplied the bulk of the business, reflecting the operations in the automotive field for the most part. Prices ruled unchanged.

Xylol.—A steady to firm price tone predominated in the market again last week. Business was described as moderately active, with the lacquer trade well represented.

Chicago Coaltar Bases

Moderately active trade interest has been shown in the coaltar bases here, with orders apparently able to make a good comparison as to total volume with those which were recorded before year-end interruption. Benzol business is reported attaining a fairly good rate. Inquiries are fair for most other items. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Broenner's.—A steady interest was maintained in most directions for moderate quantities. The market underwent no price change last week.

Fumaric.—Commitments continued of a routine character with usual consumers supplying the call for nearby production requirements. Quotations were without alteration.

Maleic.—The market received satisfactory support from some large consumers such as the synthetic resin industry, while other interests were making fair commitments. Prices ruled unchanged.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Sulphanilic.—Business was reported moderately active in the market throughout the past week. There was nothing new to report in the price schedule.

Other Intermediates

Anilin.—Volume of business was on a moderate scale for the most part, although sellers report a fairly steady interest continued to prevail. A steady to firm price tone predominated.

Dimethylanilin. — Shipments were moving out against contracts at a good pace. The market underwent no price fluctuation, and quotations previously established were well maintained.

Dinitrotoluene.—Withdrawals in practically all major consuming channels were proceeding at a satisfactory pace last week. Quotations were in conformity with the preceding period.

Nitrobenzene.—Demand was maintained at steady levels in the majority of instances, and sellers report a good interest in the market from some consuming sources. Prices were without change.

Orthonitrotoluene.—Shipments against contracts and spot business was described as moderately active during the past week. A steady to firm price tone remained in evidence.

Phthalic Anhydride.—Principal consumers were making their appearance fairly consistent, with the synthetic resin and plastic trade most prominently mentioned as making good sized withdrawals. Prices continued steady.

Thiocarbanilide. — Consumers were displaying moderate interest in the market, and orders were placed for nearby production needs. Quotations ruled unchanged.

Xylidin.—The market was largely routine and usual consumers were making only necessary commitments. There was no change in the prices.

Coaltar Colors

Demand for coaltar colors was steady throughout the past week. Sellers reported operations in some textile and leather consuming lines were holding at satisfactory levels, and volume of business was making a much better showing than the same period a year ago. Spring production schedules were well under way in most lines. Prices for various colors and stains were steady to firm and the market was without any changes.

Victor Chemical Offering Slow-Acting Leavening Agent

The Victor Chemical Company, Chicago, has introduced a new type of leavening agent. The new product, known as "V-90" is claimed to react more slowly with soda and thus "delays" leavening action until the dough is placed in the oven. Patent self rising flour made with this slow-acting monocalcium phosphate is claimed to be particularly suited for all oven products, such as cakes, muffins, and waffles.

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Dyestuffs, Textile and Leather Chemicals

Conservative Buying Continues to Characterize Dealings—Egg Yolk Decline Reflects Weakness in Shell Eggs—Raw Tanning Materials Generally Firmer

Transactions in the market for dyestuffs, leather and textile chemicals were slow in most divisions last week. There has been little change in the conservative buying policy noted since the turn of the year. Operations in some textile and leather lines were fairly steady, but there was an absence of forward buying, and consumers were content to place commitments when needs became urgent. Price changes included lower quotations for egg yolk and advances for mangrove bark, African wattle barks, J1 and J2 myrobalans.

Some of the reductions recorded in tanning materials the preceding week were restored and a generally firmer price tone was noted in practically all sections of the market. Tanners, however, were not disposed to place orders on a large scale, and most sellers report a hand-to-mouth buying policy. Egg products experienced an easier price tone, egg yolk spot price was lowered, while the domestic and imported albumen prices were unchanged. Transactions for future delivery were appreciably lower in the albumen and egg yolk, reflecting the sharp fall in shell egg market. Government officials and egg producers will meet soon to seek ways and means of stabilizing the market. Some of the chemicals such as the bichromates, alumina acetate and soda prussiate received steady attention for moderate size quantities from the color, dyestuff, textile and leather trades. Buying of corn derivatives was rather disappointing, because of the heavy buying experienced a month ago before prices advanced. Consumers seemed pretty well stocked up. There was little feature to the trading in the natural dyestuff division, with logwood and cochineal moving in moderate volume for nearby requirements.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Mangrove bark, 25c. per ton.
Myrobalans, J1, $1 per ton.
J2, 50c. per ton.
Wattle bark, African, 50c. per ton.

Reduced

Egg yolk, 2c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.0	147.0	147.1	155.0

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Various grades of material were taken in steady fashion by the color, dyestuff and textile trade throughout the week. Price schedules in all divisions of the market were without change.

Alumina Chloride.—Shipment of the crystal and solution were making their appearance in some textile consuming lines in moderate fashion. Quotations were in line with those prevailing previously.

Antimony Salts.—Business was confined to small quantities in virtually all instances last week. Quotations ranged from 25¾c. to 27c. per pound according to quantity.

Potash Bichromate.—The leather and textile industry made their appearance for fair size quantities during the past week. A steady to firm price tone governed the transactions.

Potash Prussiate.—Trading in the yellow and red material was held close to nearby requirements, and business was strictly routine. No further changes were recorded in the market.

Soda Bichromate.—Sellers report a satisfactory volume of business from some of the major consuming channels such as the leather and textile industries. A firm price tone remained in evidence.

Soda Prussiate.—A steady interest was manifest in the market for moderate size quantities, with some large buying prevalent from time to time. Quotations were without alteration.

Zinc Dust.—Quotations were without change in the market, reflecting the steady tone in the metal market. Transactions were of a modest nature in the majority of instances.

Dyestuffs

Annatto.—Transactions in the seed and paste material was of a hand-to-mouth character, and consumers withdrawing only necessary quantities when needs became urgent. Prices were unchanged.

Cochineal.—Interest in the market was only fair in most directions last week. Pricewise quotations remained unchanged, and a steady tone prevailed.

Fustic.—A moderate amount of business was uncovered in the market from the leather and textile trades. Quotations were in conformity with the preceding period.

Logwood.—A steady to firm price tone characterized the dealings. Demand was steady, but withdrawals were usually confined to nearby production requirements.

Sizing Materials

Albumen, Egg.—Quotations established the preceding week were holding steady in most quarters, however, some weakness developed in transactions for future delivery. Imported quotations remained at the same level, with stocks of material small as the result of the conditions in the Chinese market. Business was of a moderate nature in practically all instances.

Dextrin. — Current business was somewhat disappointing for most grades of material last week. The good buying experienced in the preceding month at the lower levels had much to do with the lull in the demand, since consumers were fairly well stocked up. Quotations were without further change.

Egg Yolk.—Spot quotations were lowered 2c. per pound at 65c. to 67c. per pound. Business was being booked for future delivery around March and April at appreciably lower prices. The decline could be directly attributed to the reduction in shell egg prices. The sharp fall in the egg market has resulted in a movement to obtain government aid in stabilizing prices. Egg producers, market men and government agents will hold a conference in Cleveland on February 1 to discuss ways and means to establish more orderly marketing processes.

Starch.—Demand was only fair in most directions last week. The leveling off in business still reflected the heavy buying movement before the market advanced, and consumers apparently were well supplied for the present. The quotations were without further change.

Tanning Materals

Mangrove Bark. — Quotation was slightly firmer at $23.25 per ton. Business was on the quiet side for the most part, and dealings were held close to production requirements.

Myrobalans.—Prices for J1 and J2 myrobalans recorded advances of $1 and 50c. per ton, making quotations $25 and $17 per ton, respectively. Business was on a hand-to-mouth basis.

Sumac.—No further recession was noted in the market, and the quotations established in the preceding week were well maintained. There was little feature to the dealings last week.

Valonia.—Quotations for the cups and beards underwent no price change, and a steady tone remained in evidence. Transactions were of a moderate nature for the most part last week.

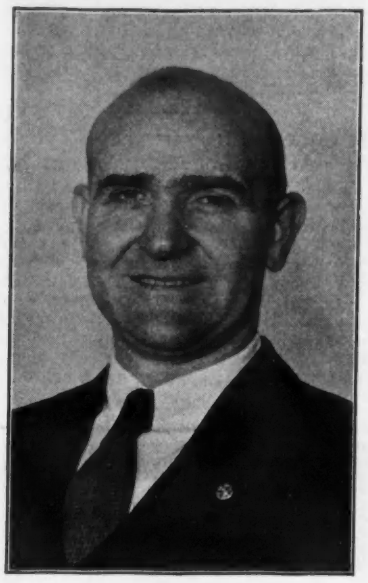
Wattle Bark.—African wattle bark registered moderate advances and quotations for the East and South African material were advanced to $36.50 and $38.50 per ton, respectively. Business was only fair.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Phila. Drug Exchange Headed by Brendlinger

—Continued from page 5

bachelor of science in chemistry. He has been connected with the Dill Company, manufacturer of flavorings, since 1915, and is now its president. He was president of the Flavoring Extract manufacturers Association for two years and has been secretary of that association for eight years.



Frank F. Law
Retiring President, Philadelphia Drug Exchange

The retiring president, Frank F. Law, of John Wyeth & Bro., Inc., in his annual address reviewed the work of the association during the past year, and noted legislative activity of interest to the drug trade—the enactment of the new Federal food, drug, and cosmetic law and the Wheeler-Lea act in regulation of advertising, also the fair labor standards act. He also commented briefly on the movement for socialized medicine.

Memorials were presented at the meeting in tribute to the following deceased members of the drug trade:—Charles H. Greenamyer, James F. Hayes, Francis P. (Jerry) McQuade, Edward A. Mechling, August S. Smith, Oscar W. Smith, Harry S. Valentine and B. W. Westcott.

The exchange had its annual dinner January 26, with addresses by Frank F. Law, Dr. Ivor Griffith, and Dr. F. R. Griffin.

Thorp Will Advise Secretary of Commerce

—Continued from page 3

ence Francis, president of the General Foods Corporation; William L. Batt, president of SKF Industries, Inc., Philadelphia; William L. Clayton, chairman of the Anderson-Clayton Company, Houston, Texas., and M. B. Folsom, treasurer of the Eastman Kodak Company, Rochester, N. Y.

Mutual Chemical Co. Wins Md. Airport Zoning Case

Baltimore, Jan. 25, 1939

The Mutual Chemical Company, manufacturer of bichromates, New York, was awarded the decision in the City Court on question of the validity of the Maryland airport zoning law. Judge J. Craig McLanahan ruled that the law was unconstitutional and invalid. The law was designed to restrict the height of structures on land bordering airports. The Mutual company operates a plant on forty-five acres adjoining the airport.

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Paint, Varnish, Lacquer Materials

Domestic Lead Price Reduced—English Vermilion Advanced—Most Materials Sluggish—December Value of Buildings Higher Than Last Year—Naval Stores Quiet

The price of lead was reduced 10 points at New York and East St. Louis last week to provide the most noteworthy feature in a dull and inactive market for raw paint materials. The price had been unchanged for over a month, the previous change having been an increase of 10 points on December 19, last year. The reduction followed a period of slack demand and a decline in the price of lead in London to a level where the threat of imports to this country was considerably increased. The parity of lead in London last week was slightly above 4.50c. per pound, including the 1½c. import duty.

The only other price change reported was a 4c. advance in the price of English vermilion. Credit for the rise is given to the strengthening of the quicksilver market. The tone of the markets for other materials continued firm although in most cases movement of stocks was light.

The value of residential buildings in December was 65 percent higher than the same month in 1937, according to Secretary of Labor Frances Perkins. Value of nonresidential buildings increased 94 percent last December over December, 1937, while value of all types of building increased 58 percent. Total permit valuations of $1,694,345,000 in 1938 were 3 percent higher than 1937. The value of new residential buildings over the same period showed a gain of 14 percent. There was a fractional decline in the value of new nonresidential buildings.

Feldspar production in Canada in the first nine months of 1938 totaled 9,455 tons compared with 16,109 tons in 1937, according to the United States Department of Interior. What may be a potentially important source of feldspar has been discovered about 30 miles west of Fort William, Ontario. Analyses of samples taken from the surface show they contain 10.61 percent potash and 70 percent soda. It is said to be pure white in appearance with little or no quartz.

Quiet conditions continued to prevail in Southern and local markets for rosin and turpentine last week so far as new business was concerned, many buyers and sellers still being disposed to await an official announcement with respect to the granting of government funds for next season's operations. The tone of Southern markets was steady or firm during the week with receipts and offerings still generally light.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Red, Vermilion, quicksilver, 4c. per lb.
Rosin, gum, low grade, 2½c. to 20c. per 280 lbs.
Turpentine, gum, 2c. per gal.
Turpentine, s. d., 1c. to 2c. per gal.

Reduced

Lead, domestic, 10 points.
Rosin, gum, medium, pale grades, 15c. to 25c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	131.7	131.1	131.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The price of lead was reduced 10 points last week. In New York the price was lowered to 4.75c. per pound while at East St. Louis the price was pared to 4.60c. per pound. Sales last week were the smallest in several months although order books of producers are regarded as very satisfactory, with January needs almost completely covered by consumers. Demand for the metal was reported increased following the reduction. The output of recoverable lead from domestic mines in 1938 was 365,357 tons, compared with 464,892 tons in 1937, a decrease of 99,535 tons or 21 percent.

Purchasing of slab zinc was in small lots last week. Prices in the United States and London showed no unusual features. The production of recoverable zinc from domestic mines in 1938 was 508,868 short tons, compared with 626,362 tons in 1937, a decrease of 117,494 tons or 19 percent.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from January 21 to 27, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0485@.0490	$0.0470	14 15 0
Monday	.0485@.0490	.0470	14 0 0
Tuesday	.075 @.080	.060	14 3 9
Wednesday	.075 @.080	.060	14 7 6
Thursday	.075 @.080	.060	14 1 3
Friday	.075 @.080	.060	14 2 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 21 to 27, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	13 11 3
Monday	.0490	.0450	13 7 6
Tuesday	.0490	.0450	13 11 3
Wednesday	.0490	.0450	13 7 6
Thursday	.0490	.0450	13 6 3
Friday	.0490	.0450	13 11 3

Pigments

Despite the reduction in the price of pig lead, manufacturers of the lead pigments doubted last week that the price of their products would be effected. The present prices for lead pigments were based on a 4.75c. price for pig lead, according to the pigment producers, and therefore no reductions were expected. The market as a whole continued unchanged with the demand very light. A pick-up in interest is looked for next month.

White Lead.—The general trend in the market was steady and though business was light it was normal for this time of year. The price continued steady and unchanged.

Red Lead.—The market was seasonally quiet although producers expressed satisfaction at the movement of stocks. With the approach of the painting season a heavier volume of sales was expected. The price side of the market showed no new features.

Litharge.—Like other materials in the pigment market, no changes were reported here last week. Demands were still at a minimum, but were slightly better than the corresponding period in 1938.

Lithopone.—The market was spotty although deliveries against contracts were reported to have increased last week over the previous week. Volume of business for January had increased over that of last December. No price changes were reported.

Titanium Pigments.—Buyers were indisposed to order out stocks of this pigment last week. Inquiries for future deliveries increased, however, over the past few weeks and pointed to a satisfactory volume of business when the painting season starts. No changes in prices were reported.

Zinc Oxides.—Volume of sales was holding well for this time of year. A large portion of shipments were going to rubber manufacturers. Prices remained unchanged.

Fillers and Extenders

Producers of these materials expressed satisfaction when questioned about the condition of the market last week. The vast majority of sellers seemed confident that this was to be a profitable year. On the whole, demands on the market were better than in the past few years while inquiries for fu-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

PARAMET
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PARAMET SYNTHETIC RESINS
Paramet Pale Ester Gum No. 2
Paramet Extra Pale Ester Gum 42
Paramet Pale Ester Gum No. 80
Paramet Dark Ester Gum No. 3
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ture delivery were maintained at a high level. No price changes were reported.

Barytes. — The market showed no changes but continued in the satisfactory position it held the previous week. Demand was a shade higher while inquiries also held up.

Graphite.—The grade used in paint manufacture had been moving into consumption at a slow but steady rate. Although demands on the market were not all that was hoped for, most producers admitted that a better situation existed than at the same time last year. Exports of graphite from Korea in the third quarter of 1938 totaled 17,197 short tons, an increase of 4,646 tons over the figure for the second quarter, and an increase of 5,922 tons over the third quarter of 1937.

Dry Colors

For the second time in as many weeks English vermilion provided the feature of the market by undergoing a price change. Two weeks ago it was reduced 12c. per pound and last week it was advanced 4c. per pound. Although there was little activity in the market for dry colors the prices remained firm for most of the materials. Producers were satisfied with the volume of business and were confident it would show substantial increases next month.

Carbon Black.—Shipments continued to move along reduced but satisfactory lines. Producers were for the most part optimistic about the present state of business and were looking forward to a definite pick-up in February. Prices were unchanged.

Chrome Colors.—Demands on the market were a shade lighter than the previous week, but producers refused to become pessimistic. The price side of the market showed no changes.

Iron Blues.—Volume of business continued to show slight gains, thus reinforcing the gains made two weeks ago. Demands, however, were far from that expected for next month. No new developments were reported in regard to price.

Lithol Toners.—Inquiries were a shade fewer while demand continued sluggish. Price was unchanged.

Vermilion.—The quicksilver product was advanced 4c. per pound. The new price schedule is as follows:—500 pounds or more, barrels, $1.42 per pound; smaller lots, $1.43 to $1.56 per pound. Only slight activity on the market was reported.

Varnish Gums

Natural resins have not received much attention from varnish makers since the beginning of the year. Importers have not been able to stimulate much interest in the replacement market and contract withdrawals have been mild.

Copals.—The market lacked noteworthy features of any kind last week. Cable offerings from foreign markets were few and the prices in all cases remained firm. There was very little interest by buyers in ordering for replacements.

Dammars. — Batavia and Singapore gums were unchanged in price and reports from abroad indicated steadiness in the market position there. The consuming industry in the United States had not been buying much recently.

Synthetic Resins

Manufacturers of ester gum reported that demand was satisfactory. Late January and the month of February are good times of the year in regard to activity in the ester gum market. Most producers believed that this year's volume of trade will increase over that of 1938. Prices continued steady and unchanged at the quoted levels.

Naval Stores

Southern and local markets for rosin and turpentine were quiet much of the time last week, although reports continued to be heard that the movement of the latter product into domestic consuming channels in tankcars was holding up well. New business was generally reported as quiet, however, with many consumers and dealers apparently disposed to adhere to a very conservative course in purchasing operations pending a definite announcement from an authoritative source in the matter of financing production and marketing operations during the coming season.

An official statement in this connection was said to be impending and the belief among many was that the full sum required to cover the entire season, amounting to $20,000,000, would be granted, the opinion existing that only

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details as to the extent of the curtailment of output and the loan values remaining to be fixed. However that may be sellers as well as buyers were reserved last week and the undertone of Southern markets were generally regarded as firm. It was estimated in some quarters that production during the 1939-40 season would be curtailed anywhere from 100,000 to 150,000 units.

A development of interest last week was the fixing of January 25 as the date on which dealers were to participate in withdrawals of rosin from supplies in the hands of the government under the last loan, such withdrawals to amount to one-third of the total quantity sold by dealers. In this connection it is of interest to note that many dealers are believed to be carrying very light supplies of both rosin and turpentine. Temperatures in parts of the South last week were abnormally low. Precipitation was reported at various points but the moisture in some sections was still reported as deficient. The movement from the interior to primary points was light and no change of consequence in the situation in this respect seems likely to be witnessed until the new season opens up.

According to consular advices from Lisbon, production of turpentine and rosin in Portugal for the first ten months of 1938 as contrasted with the same period of 1937 showed an increase of about 50 percent. Exports of turpentine for the first ten months of 1938 amounted to 9,268 metric tons, which compared with 6,577 tons for the same months of 1937. Germany purchased about 67 percent of the total, followed by Italy and Belgium, which took the greater portion of the balance. Rosin exports for the first ten months of 1938 were 26,124 metric tons as against 24,218 metric tons for the 1937 period. Germany likewise took the largest amount, over 50 percent of the total, followed by Great Britain and Italy.

Climatic and other conditions existing in the Durango production area of Mexico were favorable during December and the output of turpentine and rosin was normal for the month. Estimates placed the production of turpentine at about 15,000 gallons and rosin at 225 metric tons of GH and I grades, and stocks on hand at the end of the year were estimated at approximately 33,000 gallons of turpentine and 363 metric tons of GH and I grades of rosin. Sales for the month consisted of 185 metric tones of GH and I grades of rosin, of which about 90 tons were exported to Germany and 95 tons sold for domestic consumption. No sales of turpentine were reported for the month.

Turpentine.—No broadening of trade was noted in the local market last week. There were reports of a fair inquiry at times but actual transactions were apparently limited to small lots to fill current needs. Prices moved in company with primary centers where the trend was upward at one time. A fair movement of tankcars was noted in the South but sales in primary centers as officially reported were small.

SAVANNAH, Jan. 27.—The turpentine market was quiet, with the undertone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	25	4	2	362	48,595
Tuesday	25¾	17	34	15	48,614
Wednesday	26½	11	8	1,705	46,917
Thursday	26¾	14	26	270	46,673
Friday	26¾	7	16	...	46,689

* No trading.

JACKSONVILLE, Jan. 27.—The turpentine market had a steady tone. Offerings were light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	25	26	51	1,077	47,458
Tuesday	25¾	10	29	16	47,471
Wednesday	26½	8	36	3	47,504
Thursday	26¾	10	43	...	47,547
Friday	26¾	8	19	37	47,529

* No trading.

PENSACOLA, Jan. 21.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	21	161	31,118
Tuesday	34	208	30,944
Wednesday	20	...	30,964
Thursday	8	445	30,527
Friday	4	...	30,531
Saturday	..	...	30,531

CHICAGO, Jan. 27. — Turpentine is firmer and ruling at prices that are the best in some time. Business is reported by some sellers to have been considerably better since the first of the year, although others report they have encountered no great amount of improvement. Feeling accordingly is mixed and the outlook is considered still rather uncertain. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

LONDON, Jan. 27.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	33	6
Monday	33	9
Tuesday	33	9
Wednesday	34	3
Thursday	34	9
Friday	34	9

Stocks of American turpentine in London were:—

	Jan. 27.	Previous week.	Last year.
Barrels	28,467	29,337	37,030

Rosin.—There was nothing very stimulating in the way of market developments in the South last week and trade here continued quiet, interest on the part of consumers generally being limited to comparatively small lots, with the movement of such quantities apparently no larger in the aggregate than in the previous period. Price movements here were narrow in the absence of wide fluctuations in primary quotations.

SAVANNAH, Jan. 27.—The rosin market had a firm undertone. Receipts were light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.40	$3.40	$3.40	$3.40	$3.50	$3.50
D	3.70	3.70	3.70	3.80	3.80	
E	3.90	3.90	3.90	3.95	3.95	
F	4.25	4.25	4.25	4.25	4.25	
G	5.00	5.00	5.00	5.00	5.02½	
H	5.15	5.15	5.15	5.15	5.15	
I	5.25	5.25	5.25	5.15	5.17½	
K	5.35	5.35	5.35	5.15	5.17½	
M	5.45	5.45	5.45	5.25	5.25	
N	6.00	6.00	6.00	6.00	5.70	
WG	6.25	6.25	6.25	6.00	6.00	
WW	6.85	6.85	6.85	6.85	6.65	
X	6.85	6.85	6.85	6.85	6.65	
	Barrels					
Sales	193	...	...	200	118	
Receipts	146	497	384	150	118	
Shipments	196	302	1,614	150	...	
Stocks	307,777	307,972	306,742	306,742	306,860	

* No trading.

JACKSONVILLE, Jan. 27.—Rosin offerings were light, and the market was steady, though quiet. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.75	$3.75	$3.75	$3.75	$3.75	
D	3.95	3.95	3.95	3.95	3.95	
E	4.12½	4.12½	4.12½	3.95	3.95	
F	4.30	4.30	4.30	4.25	4.25	
G	5.10	5.10	5.10	5.00	5.00	
H	5.25	5.25	5.25	5.15	5.15	
I	5.30	5.30	5.30	5.15	5.17½	
K	5.35	5.35	5.35	5.15	5.17½	
M	5.45	5.45	5.45	5.25	5.25	
N	6.00	6.00	6.00	5.75	5.70	
WG	6.25	6.25	6.25	6.25	6.00	
WW	6.85	6.85	6.85	6.85	6.65	
X	6.85	6.85	6.85	6.85	6.65	
	Barrels					
Sales	...	...	...	98	41	
Receipts	256	404	945	238	428	
Shipments	4,685	100	...	52	675	
Stocks	278,361	278,665	279,610	279,796	279,459	

* No trading.

PENSACOLA, Jan. 21.—The movement of rosin continued light. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	129	26	68	41	46	...
Shipments	1,124	756	...	300	600	733
Stocks	76,668	75,938	76,006	75,747	75,193	74,460

CHICAGO, Jan. 27.—The general rosin situation is reported a little uneven, but with interest apparently somewhat stimulated as compared with the situation that has been existing for some time in the past. Inquiry is reported to be quite good, and more transactions are said in some quarters to have been made. Statistical conditions are being watched closely. Ruling prices at the close of business last night were:—B grade, $6.40 per lot of 280 pounds; G grade, $7.85; M grade, $8.45; W.W. grade, $9.85.

LONDON, Jan. 27.—Quotations on American rosin were as follows:—

	Per cwt in barrels Common. s.	d.	W.W. s.	d.
Saturday	14	9	19	6
Monday	15	1½	19	9
Tuesday	15	1½	19	9
Wednesday	15	1½	19	9
Thursday	15	1½	19	9
Friday	15	1½	19	9

Pine Oil.—There was little change in the character of trade in the local market, consumers generally being disposed to adhere to a conservative course in making purchases. Prices were steady.

Pitch.—The market remained in the same steady position it has occupied for some time past. Business lacked snap but there were reports of a fair movement of small or moderate lots to local and other consumers.

Rosin Oil.—Quotations for spot oil were generally maintained at the levels prevailing in the previous week, the tone of the market being steady. Business was along routine lines.

Tar.—Selling schedules were without change and general conditions in the local market were about as previously noted, with consumers disinclined to de-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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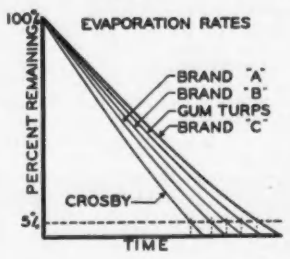

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part from a conservative course in making purchases.

Shellac

Reports concerning the proposal in Calcutta to establish a floor to shellac prices by fixing a minimum quotation for the article indicated that the idea had not progressed beyond the stage of inconclusive discussion. Well considered opinion on spot was that the proposal was only propaganda at this time and that there was nothing to indicate serious intent of the Indian Government to artificially control the export price in Calcutta.

Business in the local shellac market was moderate throughout the past week. While a fair movement into consumption was indicated it was little better than that current in recent weeks and took place under conditions generally quiet and at fairly level prices. Calcutta and London were both very steady markets, Calcutta holding free of change and London showing a narrow fluctuation at the best.

Calcutta, Jan. 27.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Jan. 27.	Jan. 20.
February	10¼c.	10¼c.

Day-to-day quotations were as follows:—

	Per pound.
January 20	10¼c.
January 21	10¼c.
January 23	10¼c.
January 24	10¼c.
January 25	10¼c.
January 26	10¼c.
January 27	10¼c.

London, Jan. 27.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	January 27— Shillings. Cwt.	Cents. lb.	January 20— Shillings. Cwt.	Cents. lb.
March	39¼	8.74	38¾	8.45
May	40¼	8.85	39¾	8.67

Day-to-day closing prices were as follows:—

	Per hundredweight— March.	May.
January 20	38s 9d	39s 9d
January 21	38s 9d	39s 9d
January 23	38s ..	39s ..
January 24	38s 3d	39s 3d
January 25	39s ..	40s ..
January 26	39s ..	40s ..
January 27	39s 3d	40s 3d

Lacquer Materials

Withdrawals of lacquer materials and solvents displayed improvement during the past week. Operations in some of the major consuming industries was holding at better than seasonal proportions, this was particularly true of automotive operations where production has continued to show improvement since the turn of the year, and the outlook continued generally favorable. Operations in the rayon, rubber and plastic industries were maintained at relatively steady levels. In contrast to the preceding week, the market recorded no price changes, and a steadier tone prevailed in most divisions of the market.

Acetone.—Volume of business was steady for the most part, large consumers were making their appearance fairly consistently. The market appeared more stable after the reduction in tank price a few weeks ago, and no further change occurred in the market.

Amyl Acetate.—The reduction in the expentane material last week found no reflection in the quotations for amyl acetate, ex fusel, as a matter of fact the market was firm, with the demand holding up well, and supplies none too plentiful.

Cellulose Acetate.—Shipments were moving at a good pace to most major consumers throughout the last week. The rayon, lacquer and plastic trades provided a satisfactory interest in the market. Quotations was well maintained at the level announced some time ago.

Dibutyl Phthalate. — Demand was holding at moderate levels in most directions last week. The call from the lacquer and plastic trades was well maintained. Quotations were in conformity with the preceding period.

Ethyl Acetate.—A satisfactory volume of business was reported in the market. There was nothing new to report in the price schedules, and a steady to firm tone governed the dealings.

Tricresyl Phosphate.—A steady price tone prevailed in the market, and business was holding up comparatively well, reflecting to some extent the activity in the automotive trade.

Driers

The market did not possess much life last week. Trade interest was at a low ebb and the only movement noted was a very spotty withdrawal of materials against contracts. The prices of stearates, palmitates, and other materials in this group showed no new developments.

Glues and Binders

Casein. — Demands on the market were reported falling off from the first of the year. Although there is an oversupply in the Middle West there has been no price change reported. This is believed due to the fact that production on the Pacific coast is running about 60 percent below normal. Because of uncertain market condition producers were indisposed to offer contracts for future sales. What small business was done was all spot. Demands are expected to increase in the Spring.

Glues.—Producers reported business to be fair and distinctly better than last month. A further pick-up is expected in February. No price changes were reported.

Resinous Products Co. Issues Booklet on Alkyd Resins

A booklet outlining the general functions of alkyd resins in the coatings field, particularly describing the use of "Duraplex" resin as a coatings raw material, has just been released by the Resinous Products & Chemical Company, Philadelphia, manufacturer of synthetic resins. Copiously illustrated, the booklet is replete with valuable data concerning the alkyd resins themselves and their past, present, and probable future uses.

Stroock & Wittenberg Adds Weismann to Sales Staff

Stroock & Wittenberg Corporation, varnish and lacquer, gums and synthetic and natural resins, this city, has appointed W. A. Weismann to its sales staff. Mr. Weismann, long identified with the surface coating field, was formerly associated with Spencer Kellogg & Sons and more recently with the L. N. Jackson Company.

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BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

Lead and Zinc Pigments Sales Decline in 1938

—Continued from page 3

nated in order to avoid duplication of metal content in reporting statistics for leaded zinc oxide. Approximately 5,500 tons of basic lead sulphate were used to increase the lead content of leaded zinc oxide in 1937 and a considerably higher tonnage was reported used for that purpose in 1938.

Exports of white lead amounted to 1,271 short tons for the eleven months of 1938, compared with 1,236 short tons in the full 1937 year, according to the Bureau of Foreign and Domestic Commerce. Using the same comparison, exports of litharge totaled 1,605 tons, against 1,452 tons in 1937, and of red lead were 747 tons, against 934 tons in 1938. Imports of lithopone during the same period totaled 3,585 tons, against 5,601 tons in 1937; of dry zinc oxide, 546 tons, against 680 tons in 1937, and of zinc oxide in oil, 60 tons, against 95 tons in 1937. Exports of lithopone amounted to 1,646 tons, against 2,671 tons, and of zinc oxide to 1,079 tons, against 2,953 tons.

Sold by Domestic Producers

	Short tons— 1938.	1937.
Basic lead sulphate or sublimed lead:—		
White	*5,000	*7,514
Blue	*800	*1,108
Red lead	28,700	33,931
Orange mineral	130	206
Litharge	66,300	83,902
White lead:—		
Dry	25,100	32,661
In oil†	71,700	65,352
Zinc oxide	79,100	114,652
Leaded zinc oxide	38,200	40,343
Lithopone	124,900	154,771
Zinc sulphate	7,500	10,521

* Exclusive of basic lead sulphate used for the manufacture of leaded zinc oxide which is included in tonnages shown for that pigment.

† Weight of white lead only.

Wood Preservers Discuss Methods, Agents and Uses

—Continued from page 5

ment which all possible tests indicate adds a very significant span to the actual service life of the wood.

Methods of treatment with the proposed mixture are practically the same as with zinc chloride, except that the temperature of the solution should not exceed 160° F. Methods of chemical control of treating solutions and for visual determination of penetration have been developed and are available; they are practically the same as for zinc chloride.

Data has been obtained which show that corrosion is materially less with the mixture than with zinc chloride, both for treating-plant equipment and for hardware affixed to treated wood. The report pointed out that it is well known that this mixture is not patented or proprietary in any sense, nor is the manufacture restricted to any one concern; it is available for use to everyone.

A report on the toxicity of normal aliphatic alcohols, acids, and sodium salts was presented by R. H. Baechler, chemist in the United States Forest Products Laboratory, in which it was said that the toxicity of these agents, with few exceptions, increases with molecular weight until in each series a point is reached at which solubility is insufficient to yield a lethal concentration. Up to these limits, a linear relation exists between the logarithm of the molecular weight and the logarithm of the killing concentration. The lower members of each series deviate from this relation. The deviation was explained on the basis of osmotic pressure for the alcohols and the sodium salts and on the basis of the toxic effect of the hydrogen ion for the acids. Thirteen compounds were recommended for field tests.

Mr. Baechler also presented a description of a quantitative method for determining chlorinated compounds dissolved in petroleum oils, which is a modification of the Stepanoff method for the determination of halogens in organic compounds. The method is fairly simple, he said; requires only apparatus available in most chemical laboratories, and yields results which, it is believed, are of sufficient accuracy for the control of treating-plant operation.

In another report Mr. Baechler said that, in the tenth year of the tests it appeared that the corrosion of common wire nails in wood treated with zinc chloride and exposed to a moderately humid interior or to outside conditions such as prevail at Madison, Wis., is not appreciably greater than the corrosion occurring in untreated wood, provided the treated wood is seasoned before the nails are driven. Nails driven into wet treated wood and exposed to the foregoing conditions corrode rapidly during the drying period. It seems inadvisable to use wire nails in zinc chloride treated wood that is to be exposed to very humid conditions. Corrosion of wire nails in wood treated with zinc chloride apparently is not modified greatly by painting the wood or by adding sodium bichromate to the treating solution. The corrosion of brass and galvanized iron fastenings in wood treated with zinc chloride is slight except under the most severe conditions of exposure when some loss in strength may be expected.

A compilation of data was presented by George M. Hunt and T. E. Snyder, of the United States Department of Agriculture, on the efficacy of the following chemicals as protectives against termites:—Barium hydroxide, beta-naphthol, borax, cannel coal oil, carbazole, chlorinated naphthalene, coal-tar creosote, copper-zinc-phenol mixture, crude arsenic dust, dinitrochlorobenzene, dinitronaphthalene, dinitrophenol, fluoride-phenol mixture, fluoride-phenol-arsenic mixture, monoammonium phosphate, nickel arsenate, nickel bichromate, petroleum, pine oil, pinetar derivatives, shale oil, sodium arsenite, sodium bichromate, sodium fluoride, sodium silicofluoride, tetrachlorophenol, thallium sulphate, water-gas-tar, white arsenic, woodtar creosote, zinc chloride, zinc meta-arsenite.

The election for officers resulted in the selection of the following:—

President, C. S. Burt, superintendent of ties and treatment, Illinois Central Railroad, Grenada, Miss.

Vice-presidents, R. E. Meyers, sales manager, International Creosoting & Construction Company, Galveston, Texas, and W. R. Goodwin, wood preservation engineer, Minneapolis, St. Paul, & Sault Ste. Marie Railway, Minneapolis.

Secretary-treasurer, H. L. Dawson, Washington.

Members of the executive committee, W. P. Arnold, W. J. Burton, R. H. Colley, W. P. Conyers, jr., H. R. Duncan, W. R. Goodwin, M. F. Jaeger, and R. B. Maine.

Total registration at the convention was 456, making the meeting one of the largest ever held by the assoction.

Wilson & Bennett Got by Inland Steel

Chicago, Jan. 23, 1939

Merging of the Inland Steel Company and the Wilson & Bennet Manufacturing Company has been agreed upon, according to officials of the two companies.

The Inland Steel Company is one of the largest independent producers in the steel industry. Its principal plant is in Indiana Harbor.

The Wilson & Bennett Company, a large producer of steel barrels and pails, has a plant in this city and plants in Jersey City, N. J., and New Orleans. It was founded in 1909 by the late Mrs. Myrtle Stevens Bennett, the basis being a small company in which she had an investment. To protect her interest she took over the management of this company and built it up to the present concern.

N.Y. Paint Club Wants 1940 National Convention

A suggestion that the 1940 convention of the National Paint, Varnish and Lacquer Association be held in New York was made by Thurlow J. Campbell, of Valentine & Company, president of the local association, at a meeting in the Hotel Biltmore, January 25. Mr. Campbell told more than 200 members and guests that New York would be the logical site because of the World Fair.

Compressed Gas Makers Elect Lavedan President

—Continued from page 5

the gathering heard Dr. John C. Krantz, jr., of the University of Maryland, discuss "Medication and the U. S. Pharmacopeia"; F. A. Wardenburg, of E. I. duPont de Nemours & Co., describe the high pressure synthesis equipment employed at the Belle, W. Va., plant of his concern; and Thomas Green review the contribution made by oxyacetylene processes to American industry. Mr. Wardenburg in his presentation, which was accompanied by projected illustrations, particularly described the synthesis of ammonia, and methyl and the higher alcohols.

Oils, Fats, and Waxes

Frequent Moderate Fluctuations in Cottonseed Oil Futures—Perilla Slightly Easier—Chinawood Oil Remains Quiet—Copra and Coconut Oil Maintained—General Market Steady

The tone of the market for miscellaneous oils, fats and greases was generally steady last week, the situation in this respect showing some improvement as compared with the previous period, although price shading was again noted in a few instances. Concessions were slight, however, and late in the week offerings were apparently light throughout the list. Business continued to be reported as quiet, few consumers showing any disposition to depart from a hand-to-mouth course in making purchases.

Chinawood oil quotations underwent little change abroad and prices here were generally steady or firm with offerings light throughout the week on spot and for arrival. Perilla oil was shaded in the absence of any demand of importance. Quotations on corn and peanut oils were easier, the tone of the markets being influenced by recent developments in competing product. Teaseed oil remained firm, supplies still being abnormally small.

Spot lard had an upward trend at times in company with a steadier market for futures, changes being moderate. Sales of stearin were reported at concessions. Oleo oil was reduced but quotations on other animal oils were held at former levels by refiners. Prices for refined fish oils were unchanged with the tone of the market apparently steady. An Osaka company will shortly begin production in Japan of stearin for cosmetic use. There has been only one producer of this material in Japan and consumers have had to depend upon imports for a considerable part of their supplies.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Japan wax, ¼c. per lb.

Reduced

Carnauba wax, No. 3 chalky, ½c. per lb.
No. 3 N. C., ½c. per lb.
No. 1 yellow, 1½c. per lb.
No. 2 yellow, 1½c. per lb.
refined, 1½c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Oleo oil, ¼c. per lb.
Peanut oil, crude, ⅛c. per lb.
Perilla oil, ⅛c. per lb.
Stearin, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.0	101.2	101.7	120.1

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—A steady or firm tone prevailed much of the time in domestic markets last week. Variations in primary quotations were narrow and the views of domestic sellers as to spot values underwent little change from day to day. Late in the week quotations on spot oil ranged from 14.5 to 14.8 per pound. There was apparently no broadening of trade, consumers and dealers in many cases being disposed to hold off for further developments in other commodities as well as in political affairs at home and abroad. According to a report from Washington there were no arrivals at Hankow from up country or any exports from that port in December last.

SAN FRANCISCO, Jan. 24.—Chinawood oil moved down slightly during the week, but today is resting at 14.4c. per pound in tankcars, f.o.b. Pacific coast ports, for either spot or future shipment, with occasional sales reported at or near this level.

Coconut.—Quiet conditions continued to prevail in the local market for crude oil last week and the situation lacked features of interest. The tone remained steady, however, quotations being held at the levels ruling at the close of the previous week. Few inquiries were received, the lack of buying interest being attributed to recent bearish developments in the markets for other commodities. Refined oil was also quiet and steady.

SAN FRANCISCO, Jan. 24.—After sales of crude coconut oil were confirmed at 2⅝c. per pound in tankcars, sellers in some cases advanced the price to 2¾c. Crushers have long since found that 1.70c. per pound was the rockbottom price for copra, c.i.f. Pacific Coast ports, and are ordering supplies out of the Philippines on that basis.

Corn.—Crude oil was quiet, recent developments in competing product making consumers hold off. Quotations were shaded ⅛c. but offerings continued light. Refined oil was steady with a fair inquiry.

Cottonseed.—Edible oil met with a somewhat better demand for moderate quantities. Quotations were unchanged and the tone of the market appeared to be steady. Foreign oil was nominal.

Olive.—Foots received a fair demand in a jobbing way and the market retained a steady tone. Exports of olive oil from Greece during the first ten months of 1938 were 15,258 metric tons, against 3,221 metric tons in the same time in 1937.

Peanut.—Southern markets for crude oil were quiet with quotations shaded ⅛c. in some cases, the figures apparently being mainly nominal. Under the terms of a bill (H.R. 2381) introduced in Congress by Representative John H. Kerr, of North Carolina, a sum of $15,000 is authorized to be appropriated for the fiscal year ending June 30, 1939, for investigation and research on peanuts, with special reference to the type of peanuts produced in Virginia and North Carolina. The fund would be administered by the Department of Agriculture.

Perilla.—Demand was slow and the market had an easy tone, quotations being shaded about ⅛c. by some sellers although offerings appeared to be rather light.

Soybean.—There were reports of a somewhat better inquiry but transactions were apparently limited to comparatively small or moderate quantities. The market was steady. Changes in quotations on soybeans were moderate.

Teaseed.—With spot supplies small, the market retained a firm tone, although few inquiries were reported.

Markets at Other Centers

San Francisco, Jan. 24.—Trade in vegetable oils was only moderately active last week, although the general tone was a bit improved over that of the preceding period. Only nearby positions are being purchased, and transactions are mostly limited to chinawood and coconut oils, with a smattering of interest and inquiry in some of the other materials.

BABASSU.—Quoted 5¾c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COTTONSEED. — Domestic bleachable oil quoted 7¼c. per pound in tankcars, f.o.b. Pacific Coast mills, with foreign offerings absent.

RAPESEED.—Refined and denatured oil quoted on the basis of 5⅜c. per pound in tankcars, nominally, f.o.b. Pacific Coast for shipment out of the Orient.

RICE BRAN.—Rice bran oil, semi-refined, duty paid, is on the basis of 5½c. per pound in tankcars, f.o.b. San Francisco for shipment out of the Orient.

TEASEED.—Quoted either on the spot or for shipment from the Orient on the basis of 7¾c. per pound in tankcars, f.o.b. Pacific Coast ports.

Chicago, Jan. 27.—A market mostly unchanged but with a somewhat easing price tone is noted in vegetable oils as a class here.

COCONUT.—Coast basis, January-forward, 2⅝c. to 2¾c. per pound. Refined edible oil, 8¼c. to 8½c. per pound, barrels, car lots, and 8½c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6⅛c. to 6⅜c. per pound, partly nominal. Refined edible oil, 9c. to 9½c., barrels, car lots, and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15.7c. per pound, spot, and 14.5c. to 14.6c., deferred.

PEANUT.—Crude, 6⅛c. to 6⅜c. per pound, partly nominal.

SOYBEAN.—Crude, mills, 4¾c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular, changes in quotations on cash beans and futures being within moderate limits. There were reports of a somewhat better inquiry for cash beans from consumers and shippers. Trading in futures

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

TRADE ELAINE MARK
The best Oil for Wool, Lubricating and Screw Cutting Compounds, etc.
STEARIC ACID
Single, Double and Triple Pressed—Cakes and Powdered and Flakes
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187 Perry Street, Lowell, Mass.
Telephone: Lowell 2965

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Special Solvents for Specific Purposes
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K.V. BLDG., CHARLESTON, W.VA.

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DEPENDABLE FATTY ACIDS
Woburn Fatty Acids are the logical result of high-grade raw materials modern equipment, strict factory control and constant research.
DISTOLINE (vegetable oleic acid) ISOLINE DRYING OIL
OLIVINE (olive oil replacement) LINSEED OIL FATTY ACIDS
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COCOANUT OIL FATTY ACIDS SOYBEAN OIL FATTY ACIDS
SOLINE FATTY ACIDS CASTOR OIL FATTY ACIDS
"The Most Suitable Acid for Any Purpose"
WOBURN DEGREASING COMPANY OF N. J.
Chemical Division
HARRISON, NEW JERSEY

was rather quiet. Daily offerings were generally light. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Jan. 27.	Closing Jan. 20.
Cash, No. 2..	$0.84½	$0.82½	$0.82½	$0.85¼
May	.83⅞	.82	.82	.83⅝
July	.83⅞	.82	.82	.83⅞

London, Jan. 16.—Soybean oil, crude, 22s. 6d. per cwt.; rapeseed, refined, 31s. 3d.; palm kernel, refined, English, 24s. 9d.; peanut, Bombay, 20s. 9d.; sardine, Japanese, 16s.; whale, crude, Rotterdam, 13s. 6d.

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Linseed Oil

Changes in flaxseed quotations in foreign and domestic markets last week were generally moderate. Linseed oil and cake steady. Meal lower.

Flaxseed—DULUTH, Jan. 00.—Seed flax is in demand these days, mostly from Southern Minnesota and Northern Iowa, but the flax market as a whole is virtually out. Seed flax will likely be hard to find, and should many new fields open for next year's crop, the situation will assume problem proportions. Cash seed continues strong.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.91	$1.84
Monday	1.91½	1.84
Tuesday	1.91	1.84
Wednesday	1.92	1.84
Thursday	1.92	1.84
Friday	1.93	1.85

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	....	....	....	7,134
Since Aug. 1...	1,358,874	1,057,117	1,292,521	1,136,654

MINNEAPOLIS, Jan. 27.—There was no lack of demand for flaxseed through the week and the better the quality the more aggressive the demand. Few cars were diverted to crushing mills because of the anxiety to build up seed stocks for spring sowing. Seed house buyers paid as much as 18c. over May for good quality and crushers followed them as far as 17c. over for an occasional car that was wanted badly.

There is talk of bringing in some Argentine flax for seed purposes because of the scarcity of domestc flax of desirable quality, but at the moment prices are considerably out of line. Shipping advices from territory that produced good flax last season are small and line elevator companies as well as independent shippers are saving some of their good flax for spring sowing. Most of the marketable surplus has been moved to date. Some poor seed from southern territory is moving, but the quantity is not important.

There is a big interest in flax production all over the country. Local houses sold 15 cars of seed to Texas and a few cars to Kansas. More is wanted by both states. Flax is not regarded as a soil erosion plant and AAA objections to its production are virtually nil. This past season flax was the best money producer of any of the crops.

There was more precipitation in the northwest during the week.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.97	$1.83	$1.81
Monday	1.98½	1.83½	1.81½
Tuesday	1.97	1.83	1.80½
Wednesday	1.97	1.84	1.81½
Thursday	1.96	1.84	1.81
Friday	1.96	1.85	1.82

Crop movement in bushels as follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	19,200	49,790	10,800	12,160
Since Sept. 1...	2,849,070	3,147,530	444,759	594,202

WINNIPEG, Jan. 27.—The flaxseed market was quiet. Changes in quotations were moderate. The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.42	$1.44
Monday	1.42	1.44
Tuesday	1.43¼	1.45¼
Wednesday	1.42⅝	1.45⅝
Thursday	1.42⅝	1.44⅝
Friday	1.43¼	1.45¼

BUENOS AIRES, Jan. 27.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.07	$1.35⅞
Monday	1.07	1.35⅝
Tuesday	1.06¼	1.36¼
Wednesday	1.06⅝	1.34⅜
Thursday	1.06⅛	1.35⅛
Friday	1.06⅛	1.35½

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States.....	484,000	791,000	217,000
United Kingdom..	110,000	4,000	189,000
Continent	476,000	732,000	1,020,000
Orders	291,000	71,000	445,000
Others	220,000	.....	.....
Totals	1,581,000	1,598,000	1,871,000

Since January 1

To—	Bushels This year.	Last year.
United States.....	2,314,000	2,087,000
United Kingdom.....	185,000	342,000
Continent	1,976,000	3,154,000
Orders	1,334,000	2,173,000
Others	240,000	31,000
Totals	6,049,000	7,787,000

Visible Supply

	Bushels.
Last week.....	4,724,000
Previous week.....	4,331,000
Last year.....	6,299,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom..	28,000	380,000	4,000
Continent	8,000	8,000	.....
Others	.....	.....	.....
Totals	36,000	388,000	4,000

Since April 1—	Bushels This year.	Last yea
United Kingdom.....	9,632,000	6,591,000
Continent	796,000	268,000
Others	476,000	1,100,000
Totals	10,904,000	7,959,000

HULL, Jan. 27.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£10⅝	£12⅞
Monday	10¾	12⅞
Tuesday	10¾	12⅞
Wednesday	10¾	12⅞
Thursday	10¾	12⅞
Friday	10¾	12⅞

Linseed Oil.—Quiet conditions continued to prevail in the local market but in the absence of any wide fluctuations in flaxseed, quotations on linseed oil were generally held at former levels by crushers, the range being from 7.9c. to 8.1c. per pound in tankcars, according to seller. Occasional inquiries were received in some quarters but many consumers were still disposed to hold off for further developments in the Argentina flaxseed situation as well as in political affairs abroad and in this country.

Cash seed continued to meet with a good inquiry in the Northwest and the light offerings were readily absorbed, with cash premiums over futures well maintained. An increasing inquiry was also reported for seed for planting purposes, the comparatively high prices received last season by flax growers having stimulated interest in this product on the part of farmers in the Southwest as well as other parts of the country.

According to preliminary official figures issued last week from Washington there were 22 mills in the United States which crushed flaxseed during the quarter ended December 31, 1938, reporting a crush of 201,780 tons of flaxseed and a production of 139,106,266 pounds of linseed oil. These figures compare with 217,144 tons of seed crushed and 150,431,644 pounds of oil produced for the corresponding quarter in 1937. Stocks of flaxseed at the mills on December 31 were 66,894 tons compared with 92,250 tons for the same date in 1937. Stocks of linseed oil reported by the crushers were 107,085,837 pounds compared with 154,281,806 pounds.

Receipts of flaxseed at New York last week were 212,370 bushels.

MINNEAPOLIS, Jan. 27.—The muddled political situation abroad and weakening of grain and flax markets at home tended to restrict buying of linseed oil in the past week. Buyers want to wait until congress has been in session a short time and foreign news is clarified before making fresh purchases of importance. The local trade is inclined to expect firmer Argentine flax prices after February 1 and expect some revival in oil trade. Building construction figures were the best of any December since 1932 and promise to show further improvement in January. Shipping instructions on maturing contracts are only fair and about 30 percent of capacity is being used currently. Stocks on hand are increasing slightly from week to week. Heavier instructions are expected in February and early in March.

Quotations on carload lots f.o.b. Minneapolis, cooperage car lots, 8.9c. per pound, tankcar lots 8.3c. per pound and warehouse lots 9.3c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week.....	960,000	479,259
Since Sept. 1.....	26,948,953	23,172,138

SAN FRANCISCO, Jan. 24.—Linseed oil is standing quite firm. Deliveries against old contracts are receiving good attention. There is no new business. Tankcars, 8.3c. per pound; drum lots ex mill, 8.8c. per pound; drum lots ex warehouse, 9.3c.

CHICAGO, Jan. 27.—Quiet and rather featureless conditions have been noted in the linseed oil market here recently. Ruling prices are:—Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Jan. 27.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	22	7½
Monday	22	7½
Tuesday	22	6
Wednesday	22	7½
Thursday	22	6
Friday	22	6

Cake and Meal.—The market was quiet so far as new business was concerned, the principal activity apparently being in the forwarding of supplies on unfilled contracts. Meal was reduced 50c. per ton. Cake unchanged.

MINNEAPOLIS, Jan. 27.—Demand for meal is limited and offers are light. Country distributors are not adding to their open contracts and are a little slower in furnishing shipping instructions on maturing contracts.

Crushers have plenty of contracts and shipping instructions to take care of their prospective February output, but have few instructions for February movement. Current output is just about keeping pace with the out movement.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $40.00 to $40.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week.....	1,760,000	1,853,755
Since Sept. 1.....	45,682,225	89,123,664

CHICAGO, Jan. 27. — Heavy winter weather in the north and northwest has caused a continuing interest in linseed meal on the part of the feeders, and the offerings are not exceptionally large. Ruling prices are:—Round lots, $40.50 to $41 per ton, mostly nominal; car lots, $41 to $41.50; less than car lots, $43 to $43.50.

Cottonseed Oil

Local and Southern markets for cottonseed products were quiet. The market here for refined oil futures was irregular, price changes from day to day being moderate.

Cottonseed Oil.—There was a continuation last week in the local market for refined cottonseed oil futures of the frequent fluctuations noted in the previous period. The changes in prices from day to day were generally small or moderate, however, and to some the undertone of the market appeared to have undergone improvement although sentiment was still mixed with not a few traders apparently disposed to operate merely for quick turns within moderate limits pending further developments in other commodities as well as in political affairs at home and abroad.

A rather sharp break in securities following disturbing political news from Europe caused some selling of cottonseed oil futures for account of local traders but at the present level of prices there was apparently little inclination to sell aggressively for the decline. There was also some selling attributed to foreign operators. On weak spots trade interests made purchases and there was covering by shorts and also more or less buying for a turn on the long side on the idea that technical conditions have undergone a change for the better recently but the support was not of a very vigorous nature. On upturns selling was noted which some regarded as hedging operations, though such transactions were not very heavy.

Southern markets for crude oil were generally quiet with narrow changes in prices. Offerings continued to be reported as light. Further reports were heard to the effect that mills in some sections were still closing down and

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppe, Robinsons, Bentleys, A. B. C.5th Edition

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LARD OIL
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WHITE DISTILLED
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Factory: Boonton, N. J.
Sales Offices - - New York City and Chicago
WECOLINE PRODUCTS INC.

withdrawing from the market owing to the low prices prevailing for crude oil. Lard and cotton futures were irregular, changes in prices generally being moderate.

There were reports of a fair demand for shortening and cash cottonseed oil. The Hull market for cottonseed oil had a steady tone. Changes in American lard quotations abroad were moderate. The export movement of lard apparently held up rather well, clearances from this port on Monday amounting to 1,225,350 pounds, mainly to English ports. Exports of lard from Atlantic and Gulf ports to all destinations from November 1 last to January 21 this year were 42,610,533 pounds against 47,287,095 pounds in the same time in the previous season.

Receipts of hogs in the principal Western markets during the first four days of the week aggregated 224,300 head against 292,400 head in the same time last year. The weight of the hogs received in Chicago during the week ended January 21 averaged 247 pounds against 248 pounds in the previous week. The quantity of cotton ginned for the season prior to January 16 was 11,558,369 bales against 17,644,208 bales in the same time in the previous year.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 21 to January 27, inclusive, comprised 1,292 contracts, a total of 77,520,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	7.02	6.83	6.93@6.95
May	7.16	6.96	7.06@7.07
July	7.24	7.05	7.15@7.16
September	7.27	7.11	7.20@7.21
Crude, Southeast,	.0575@.0587½c.		nom.

Chicago, Jan. 27.—The cottonseed oil market is reported quiet, in spite of pressure exerted on the part of some buyers to bring about noticeable price concession. Good off-Summer yellow fig oil is 7⅛c. per pound. Refined edible oil is 9c. to 9½c. per pound, barrels, car lots, and 9½c. to 10c., barrels, less than car lots.

Hull, Jan. 27.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s. d.	Egyptian crude. Per cwt. s. d.
Saturday	21 0	18 0
Monday	21 0	18 0
Tuesday	21 0	18 0
Wednesday	21 0	18 0
Thursday	21 0	18 0
Friday	21 0	18 0

Cake and Meal.—Southern markets were generally steady so far as the spot situation was concerned, quotations apparently being well maintained. There were reports of a fair inquiry.

Markets at Other Centers

Atlanta, Jan. 25.—The market for prime crude oil has continued weak, and efforts of Southeastern millers to hold at 6c. per pound have not been entirely successful. Producers are not anxious to enter the market at present prices.

On the other hand, meal is firm, and some Southeastern mills are asking above $24 per ton for 8 percent material. Fertilizer manufacturers are showing an interest in this material as a source of organic nitrogen. Crude oil, 5¾c. to 6c. per pound.

Weather conditions remain unfavorable for land preparation.

Memphis, Jan. 26.—Trading in crude cottonseed oil continued at a low ebb during the week. The last sales reported were at 5¾c., Valley basis, with that figure still bid. A few tanks are available at 5⅞c. Numerous mills are closed, awaiting better market. Cottonseed meal and cake in fair seasonal demand, with $22.50 per ton quoted for 41 percent meal, Memphis basis, and $20 per ton for bulk slab cake at Mississippi points. Hulls, $4.50 per ton at mill points. Mills feel uncertain about political situation abroad. Plans for next season's cotton crop regarded as bullish factor in cottonseed oil for a long pull.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	January 20.	January 27.
January	$22.10@22.50	$21.50@—
March	22.00@22.20	21.50@21.60
May	22.10@22.25	21.50@21.65
July	22.45@22.65	22.00@22.15

Fatty Acids

Capric Acid.—A steady tone continued to prevail, quotations being held at former levels. There was apparently no change in the attitude of consumers, the movement still being limited to comparatively small lots.

Caproic Acid.—Selling schedules were unchanged and the tone appeared to be steady. No broadening of trade was reported, buying interest apparently being limited to sufficient quantities to fill the current needs of consumers.

Castor Oil.—Quiet conditions continued to prevail so far as new business in this fatty acid was concerned, makers of cosmetics and shampoos as well as other consumers being disinclined to provide to any important extent for future needs.

Lauric Acid.—The market had a steady tone, but aside from this the situation lacked features of interest, business apparently being quiet and of a routine character.

Stearic Acid.—There were reports of fair movement to consumers on contracts previously placed but new business was quiet, consumers being disposed to hold off for further developments. Prices were steady.

Tall Oil.—The market for this fatty acid remained in the same position it has occupied for some time past. No expansion in trade was reported but the movement into consuming channels was sufficient to give the situation a very steady appearance.

Markets at Other Centers

Chicago, Jan. 27.—Some easing in basic oil markets seems to have put fatty acids under a more hesitant strain in the market here, without any extensive price weakness yet apparent. Orders have been placed covering fair amounts of material in various grades.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soapstock, 60-62 percent basis, 3c. to 3⅛c.; boiled down soapstock, 65 percent basis, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1½c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—A steady tone continued to prevail in the market for refined oil, and general conditions remained about as noted in the previous week. There were reports of a fair inquiry from local and outside buyers, but as in recent preceding weeks the movement into consuming channels was made up chiefly of comparatively small or moderate quantities to fill current or nearby requirements. Crude oil was quiet and nominal.

Sardine.—Refined oil was rather quiet last week in the local market, recent developments in the crude situation making buyers disposed to limit their takings to small lots for prompt shipment. The tone was steady, selling schedules being held at previous levels.

Sperm.—Former quotations remained in effect and the tone of the market appeared to be steady. There was a fair movement of moderate lots to local and other consumers.

Markets at Other Centers

San Francisco, Jan. 24. — California's sardine oil market steadied itself last week, when sellers, taking business at 28½c. during the previous period and then faced with bids of 28 cents per gallon, refused to move into the lower bracket, with the result that new sales of oil a few days ago were consummated at the 28½c. basis. At the same time production, although encouraged by the new fish reduction permits reported in this column a week ago, had run into a snag with the finding of schools of lean and poor quality sardines. Further strength was lent to the market, reportedly already sold well up to current production possibilities, by the factor of an injunction requesting a restraining order against the Fish and Game Commission, the order calling for cancellation of the recently issued new permits for further fish reduction. The injunction was promulgated by conservation interests and will have its hearing two days hence in Superior Court in Sacramento. Fish reduction plants are meantime proceeding with their work.

In December California had its largest oil yields for any one month in the history of the industry, insofar as the shore plants were concerned, official figures as given out by the Fish and Game Commission revealed. Shore plants and certain floaters operating inside during part or all of December turned out a total of 3,989,481 gallons of oil, or approximately 500 tankcars, records showed. This compares with a total gallonage of 2,796,756 made during November, December, 1937, when 2,036,977 gallons were turned out by the shore plants.

Total seasonal yield to December 31 was 12,334,147 gallons, or about 1,550 tankcars, compared with 7,729,672 gallons made during the like period of 1937.

Baltimore, Jan. 25. — Despite storms along the Atlantic coast, the menhaden fishing companies have continued to operate in Albemarle Sound, with fair results, and at last accounts they were still engaged in catching fish. The latter, as in the previous weeks, are small and yield only a little oil, but they help out the results of the season. Sales of several tanks of oil have been made at 28 cents at factory which is equal to about 30 cents delivered in Baltimore, and the stocks of this commodity available are now reduced to very small proportions. But now and then further transactions take place, and the season is turning out better than had been expected. The quotations on refined oil stand at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow pressed stocks.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Fats and Greases

Grease.—No broadening of trade was reported in the market here, interest on the part of local buyers apparently being limited to comparatively small quantities to fill current needs. The prevailing tone was steady.

Lard.—Local cash prices had an upward trend at times in company with a firmer situation in the West, changes being moderate. There was a fair demand for moderate lots. The export inquiry was reported as fairly active. Clearances for foreign destinations apparently held up rather well, although the movement for the season thus far shows a decrease as compared with last season.

Stearin.—The market was somewhat more active, reports being current of sales at 6¼c. per pound, although higher prices were quoted in some quarters.

Tallow.—There were reports at times of a somewhat better inquiry, but actual transactions apparently did not include individual lots of importance, large consumers being inclined to hold off for further developments. With offerings generally light, the market had a steady tone, the last sales reported being at 5⅜c. per pound for extra.

Trading in tallow futures on the New York Produce Exchange from January 21 to January 27, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	5.35@5.50
May	5.53	5.50	5.50@5.60

Markets at Other Centers

Chicago, Jan. 27.—A fairly steady market has been prevailing in the cash lard despite the fact that some of the allied markets have been unsettled by recent general nervousness in the speculative markets as a whole. Inquiry has been holding up quite well.

The range of lard quotations from the opening Saturday, January 21, to the close Friday, January 27, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.55	$6.70	$6.55	$6.65	$6.55
May	7.02	7.12	6.95	7.05	7.05
July	7.17	7.30	7.12	7.20	7.22

TALLOWS (tierces).—Edible, 5½c. to 5⅝c. per pound; prime, 5⅜c. to 5⅝c.; fancy, 5⅜c. to 5½c.; special, 5¼c. to 5¼c.; No. 1, 5c. to 5¼c.

GREASES (tierces).—Choice white, 5¾c. to 5½c. per pound; A white, 5c. to 5¼c.; B white, 5c. to 5⅛c.; yellow, 10-16, 4¾c. to 4⅞c.; yellow, 16-20, 4⅝c. to 4¾c.; brown, 4¼c. to 4½c.

STEARINS (barrels).—Prime oleo, 6¼c. to 6½c. per pound; lard, packaged, 7½c. to 7¾c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 7¾c. to 8¼c.; No. 2 stocks, 7¼c. to 7¾c.

Liverpool, Jan. 27.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	January. s. d.	May. s. d.
Saturday	40 0	39 6	39 6
Monday	40 0	39 6	39 6
Tuesday	40 0	39 3	39 3
Wednesday	40 0	39 9	39 9
Thursday	40 0	40 3	40 3
Friday	40 0	39 9	39 9

Liverpool, Jan. 27.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	16 6	17 6
Monday	16 6	17 6
Tuesday	16 6	17 3
Wednesday	16 6	17 3
Thursday	16 6	17 3
Friday	17 0	17 0

Animal Oils

Degras.—There were no further developments in the way of price changes, the market being steady at the downward revision announced in the previous week. A fair inquiry was reported.

Lard.—Previous selling schedules remained in effect and the tone of the market appeared to be steady. Consumers were not disposed to anticipate but there was a fair movement of moderate lots to local and other buyers.

Neatsfoot.—The local situation was featured by a steady tone, quotations being maintained by refiners at the levels prevailing in the previous week. There was a fair inquiry for moderate lots for prompt shipment.

Oleo.—Quotations were shaded ¼c. per pound, the market being steady at the decline. Purchasing was apparently limited as a rule to comparatively small or moderate lots.

Markets at Other Centers

Chicago, Jan. 27.—Some spotty easing of price has been reported in animal oils here. Buyers have been holding off for some time.

LARD.—No. 1, 8¼c. to 8¾c. per pound.
OLEO.—No. 2, 7½c. to 8c. per pound.
TALLOW.—Acidless, 7¼c. to 7¾c. per pound, tanks, and 8c. to 8¼c., barrels.

Waxes

Bees.—While immediate demand was moderate in volume, the outlook seemed to be reasonably good for the future and for the most part sellers were disposed to take a steady view on prices generally. Bleachers were fairly well prepared to start their operations when climatic conditions shall turn favorable.

Candelilla.—Because of the controlled price in Mexico, this material has not as yet reflected the highly competitive conditions prevailing in competing material. Of course, such competition tended to reduce the sales of candelilla.

Carnauba.—Spot competition was exceptionally keen. Many weak holders of wax on spot found a narrow consuming outlet for their offerings and such goods were pushed forward at prices decidedly unsettled and favorable for consumer operations. A census taken of prices named by the largest importers showed the following range of prices prevailing on one ton lots:—No. 3 North Country, 30c. to 30½c.; No. 3 chalky, 29c. to 30c.; No. 1 yellow, 37½c. to 39c.; No. 2 yellow, 36½c. to 38c.; refined, 33½c. to 34½c. The syndicate of shippers at Ceara, Brazil, has broken up, and the adhesion of those at Parnahyba, Brazil, was none too secure. Most dealers, as well as some agents of the shippers declared that the market in Brazil was firm, but not all agents would accept that view of the market. At that, there did not seem to be much difference in the several agents' basic c. and f. quotations on shipment goods.

Japan.—Cables from Japan recorded a ¾c. per pound advance in price, together with the information that the Japanese government was exercising full control over prices and stocks of raw material from which this wax is made. Spot quotations were advanced to 10¼c. to 10½c. per pound according to seller.

Trade Briefs

R. & H. Chemicals devision of E. I. duPont de Nemours & Co., Wilmington, has issued its January price list.

G. H. Tomlinson, manager of the New York office of the Archer, Daniels, Midland Company, vegetable oil manufacturer and refiner, Minneapolis, will leave February 3 for a vacation in Florida.

Oil Trades Association of New York held its quarterly meeting in the Waldorf-Astoria January 24. About 350 members and guests were present. Election for officers and directors of the association will be held in March.

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Drugs, Fine Chemicals

Quicksilver in Sharp Advance on Heavy Selling on the Pacific Coast —Mercurials Firmer, but Not Changed—Menthol Lower—Cadmium Metal Down

Quicksilver occupied the foremost position in the market for drugs and fine chemicals last week. Prices were advanced sharply by the domestic mines controlling three-quarters of the home production. Mercurials lacked quotable change late in the week, but the group was appreciably firmer. Cadmium metal was lower once more. Menthol was shaded as the result of sharp competition between local dealers for the not large amount of demand reaching the open market. Hexamethylenetetramine was lower.

Undertones were generally very steady in the market as a whole. Most prices showed substantial stability and in that respect reports indicated that the recent reductions in the schedules on butyl acetate and butyl alcohol were not only not extended but were expected to have established levels likely to remain well held for the nearby future.

In general, it might be said that most solvents were at least steady. A few of them have been pushed steadily lower for some time past; notably methylethyl ketone, acetone, members of the butyl group, and methyl acetone. But a far larger number of solvents have displayed consistently well maintained positions and a full check revealed values entirely unchanged.

Citric acid and soda citrate remained steady at the decline reported late in the previous trading period. Prices on ethyl and denatured alcohol were reduced late last week, but industrial chemicals within the alcohol classification were reported in very fair request and prevailing at steady prices.

Acid, Acetylsalicylic.—Steady prices and market undertones were the rule, conditions shaping up well with those current since the beginning of the year.

Acid, Citric.—No further reduction in quotations developed since the decline reported in the previous trading period. The reduction made a new all time low and was possible because of the fact that the leading domestic manufacturers have effected substantial savings in the cost of production.

Acid, Tartaric.—Undertones were very firm and prices were well maintained in all respects. Consumption by drug and pharmaceutical manufacturers was said to be in very good volume, but others displayed moderate interest during the past week.

Agar.—The primary market held steady and spot prices showed considerable strength regardless of the not expansive call for the material Not all sellers met mimimum quotations The future of the market appeared to depend on developments during the marketing of the new crop, shipments of which usually begin in January

Alcohol.—Late last week, prices on denatured alcohol were reduced 1c. per gallon, establishing the following quotations on tanks:—C. D. 14, 23c. per gallon; S. D. 1, 21c.; S. D. 2B, 20c.; S. D. 23G, 25½c.; special solvent, 22c. Drums, in car lots, were priced thus:—C. D. 14, 31c.; S. D. 1, 27c.; S. D. 2B, 26c.; S. D. 23G, 31½c.; special solvent, 28c. Also, pure ethyl alcohol was down 1c. per gallon, making tanks $4.47½ per gallon; drums, car lots, $4.50½. The full schedule will be found in the Prices Current.

Butyl Acetate.—No further reductions in prices have been made and prominent sellers declared that there were no immediate prospects for a further reduction in the nearby future.

Butyl Alcohol.—A generally very steady market was the rule in local quarters since the recent decline. It appeared that some degree of stability may develop. At least, it was said that prospects for a further reduction at an early date did not exist.

Butyl Aldehyde. — Well stabilized prices were declared to prevail and a movement of sustained and steady character was noted.

Cadmium Metal.—Quotations were reduced to 80c. per pound, apparently the result of the ability of Canadian producers to ship more freely into the market in this country. No change in derived materials was reported.

Camphor.—A fair request prevailed, though the total volume was moderate in size. Prices seemed to be reasonably steady since the recent decline in quotations on the natural product. Stability continued to govern the schedule on synthetic material.

Carbinol.—All varieties of this solvent material were confirmed in unchanged price position with conditions indicating a well stabilized market and very fair demand for most of the items within the group.

Castor Oil.—Moderate to better demand was the rule and the market appeared to be very steady with prices holding very well for the most part.

CHICAGO, Jan. 26.—Orders for c.p. castor oil have been up to expectations of numerous trade authorities, it is asserted, and the general feeling in the market seems to be steady. Most buying is in limited lots, to guard against over-large inventories, but the total movement seems to be good. Ruling prices are:—No. 1, barrels, car lots, 10½c.; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅜c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Codliver Oil.—Weather conditions favored an excellent consumption of this material. Inclement weather accompanied by snow and very low but also fluctuating temperatures contributed much to the very good movement into final consumption. Prices prevailed in steady fashion on the spot.

Formaldehyde.—With a steadily improving prospect for consumption of synthetic resins being reported, the position of this methanol derivative was reported to be firm to steady on the basis of prices well held in all quarters.

Glycerin.—Substantially steady undertones were the rule. The market was well held so far as prices were concerned and was reasonably active as to movement into consuming channels. Production costs have held very steady for some time and nothing at present suggests early disturbance of that condition. Reserves were ample in size but not excessive.

CHICAGO, Jan. 26.—Various grades of glycerin are in fairly good market position. C.p. is subject to considerable inquiry. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Hexamethylenetetramine.—Quotations on technical were reduced 3c. per pound, and those on U.S.P. were down 8c. late last week. New prices were established as follows:—Technical, 32c. to 33c. per pound, according to quantity; U.S.P., 38c. to 39c., according to quantity.

Isopropyl Acetate. — Substantial stability of prices was apparent and competition was negligible. Movement was fair in size if not expansive and contributed much to the generally well maintained values.

Isopropyl Ether. — Movement was moderate to fair but business was done

Price Changes

Prices were changed during the past week as follows:—

Advanced

Methanol, denaturing grade, 5c. per gal.
Milk powder, unskimmed, spray, 1c. per lb.
Quicksilver, $3 per flask.

Reduced

Alcohol, ethyl, 1c. per gal.
completely denat., 1c. per gal.
specially denat., 1c. per gal.
Cadmium metal, 5c. per lb.
Hexamethylenetetramine, technical, 3c. per lb.
U.S.P., 8c. per lb.
Menthol, 5c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	**182.6**	**182.7**	**181.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

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(Crystals)

•

SODIUM SULPHIDE
(Fused, Broken or Flake)

•

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(Water, Oil, or Alcohol Soluble)

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under the satisfactory condition of well stabilized prices and generally steady market conditions.

Menthol.—Quotations on natural material were shaded again, this time bringing the market down to the basis of $3 to $3.10 per pound, though no general disposition to accept the ordinary run of orders at $3 was noted. This made the natural item available at prices even with those prevailing on synthetic material. Demand was irregular.

Methanol. — Synthetic material was confirmed as to price and was definitely stabilized in all respects. Natural methanol was also well held as to price and experienced a very fair call throughout the past week. Spot prices on denaturing grade material were advanced 5c. per gallon late last week, making 40c. per gallon the local market. Reports current here were to the effect that sales at the former price of 35c. per gallon had covered practically all consumer needs to the end of the first quarter.

Methylethyl Ketone. — Values were about steady, but the market was competitive in that other materials were very cheap in price and pressed strongly for larger consumption.

Phenolphthalein.—Very good movement at very steady prices was reported and conditions indicated a fairly stable position of this material throughout the past week. Reserve stocks were ample in size.

Quicksilver.—Spot prices were advanced to a minimum of $80 per flask early last week. Local agents for the California producers reported substantial business being booked and, as of late, they also indicated that no arrivals from the West Coast were going into store. Stocks appeared to be dwindling, so much so that ultimately foreign metal may be required to complete the domestic requirements. Foreign metal was quoted at $64 per flask in bond. The turn of the Spanish civil war in favor of the rebels gave rise to some speculation on the future of the Spanish mines. Advices received locally were to the effect that sellers of foreign metal last week delivered to a local manufacturer a lot of domestic mined metal bought last year by a San Francisco bank. This gave rise to the opinion that the San Francisco bank in buying last year was acting actually for agents of foreign interests who feared a shortage of foreign metal and, hence, protected themselves by the large buying of Pacific Coast metal. The undertone of the market late last week was strong in most respects and further advances in prices were liberally forecast if demand shall press actively for prompt delivery metal.

SAN FRANCISCO, Jan. 24.—With a shortage of stocks of quicksilver in producers' hands noted on the Pacific Coast, the sale for future delivery, out of production here, of an aggregate quantity of metal totaling possibly 1,000 flasks, may be reported on reliable authority. The sale of actually in excess of 900 flasks was accounted for, the metal being contracted to Eastern buyers at a reported figure of $77 per flask. At the same time, some credence was placed in the advice that

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a San Francisco bank, for several months a holder of substantial spot stocks, had very recently shipped metal East to the New York market, where it had found its way into consumption. This advice was not confirmed, however, but it was said that a lot of 300 flasks recently delivered to a buyer had been identified as part of the quicksilver earlier sold to the bank about the middle of last year. Major San Francisco sellers were taking a firm view of the market, and there was immediate likelihood that a substantial advance in price would take place.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42⅝	20 1/16
Monday	31½	42⅝	20 1/16
Tuesday	31½	42⅝	20¼
Wednesday	31½	42⅝	20 1/16
Thursday	31½	42⅝	20⅛
Friday	31½	42⅝	19 15/16

Soda Citrate.—The reduction reported late in the previous week was not extended. A fairly stable market was declared to prevail and demand continued along the lines and in the volume current for some time past.

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Rhubarb Cables Sharply Higher and Local Dealers Show Reserve —Pyrethrum Flowers Strengthen—Powdered Papain Competitive at Decline—Tragacanth Cheaper

Sales of botanical drugs during the past week continued along somewhat quiet lines. Practically all sellers said that business was less than normal in volume; at the best, it was spotty and consisted of purchases that covered little more than the immediate or nearby requirements of a conservative number of buyers. Notwithstanding the absence of a free flow of normal demand, prices showed considerable stability. While it was granted that competition often led to prices being shaded under special circumstances, it seemed probable that much of the local trade was done on the basis of the quoted market.

The market was not without elements of feature importance, however. Twice during the period under review cables from China recorded advances in the export price on rhubarb root. Furthermore, cables from Japan reported a fire had destroyed substantial quantities of pyrethrum flowers and a strengthening of the market followed. An easier foreign situation appeared to be developing in althea root, while in arnica flowers the trend abroad was toward firmer and somewhat higher positions. More competition for powdered papain business brought a lowering of prices on spot. Ergot was down, spot and replacement. French fleeseed declined under the influence of more local competition.

Entries of botanicals at the port of New York since the week of January 1, 1939, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	.....	50
Belladonna	.....	.....
Caraway	.....	2,300
Cardamom (cases)	.....	115
Celery	.....	.....
Coriander	.....	575
Cumin	100	464
Digitalis leaves (cases)	.....	.....
Dill	.....	212
Fennel	.....	400
Henbane leaves (bales)	.....	.....
Mustard	.....	1,827
Poppy	.....	4,906
Sage leaves (bales)	.....	771
Sesame	213	1,484
Stramonium (bales)	.....	28
Thyme (bales)	.....	68

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cardamom, decorticated, 2c. per lb.
green, 2c. per lb.
Coriander seed, natural, ¼c. per lb
Cassia, Batavia, No. 1, ¾c. per lb.
broken, ½c. per lb.
buds, 4c. per lb.
Ginger, medium bold, ½c. per lb.
Japanese, 1½c. per lb.
Mustard seed, Danish, yellow, ¼c. per lb.
Pepper, black, Lampong, ½c. per lb.
Pimento, ¼c. per lb.
Rhubarb root, 10c. per lb.

Reduced

Benzoin, Sumatra, 3c. per lb.
Cottonroot bark, 1c. per lb.
Calendula flowers, 2c. per lb.
Cinnamon, Ceylon, No. 2, ½c. per lb.
Clove, Madagascar, 3c. per lb.
Zanzibar, 2c. per lb.
Ergot, 5c. per lb.
Fleaseed, French, 1c. per lb.
Ginger, Cochin, lemon, ½c. per lb.
Grains of paradise, 10c. per lb.
Kamala, 3c. per lb.
Mullein flowers, 2c. per lb.
Mustard seed, California, brown, ½c. per lb.
Bombay brown, ¼c. per lb.
Papain, powdered, 5c. per lb.
Raspberries, dried, 3c. per lb.
Rose flowers, red, 5c. per lb.
Saffron, Mexican, 1c. per lb.
Tragacanth, 15c. per lb.
Wahoo, root bark, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
118.6	118.2	118.2	135.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Trade was ordinarily routine in character, consisting usually of immediate requirements and being placed on the basis of generally steady prices.

Tolu.—Hand-to-mouth trade was fair in volume and the market continued to be very steady so far as prices were concerned.

Barks

Cottonroot.—Under competition this article sold at 10c. to 11c. per pound, according to quantity, and with fair-sized stocks being available, quotations and market conditions were favorable for buyers.

Cramp.—Certain qualities of the genuine cramp bark were available at 19c. per pound, while others were held steady for 21c. to 22c. So-called cramp bark was dull and without change.

Elm.—A very fair if not expansive demand was reported for select bark and prices were reported to be fully steady in all respects. Also, the movement of powdered material made fair volume.

Wahoo.—Root bark was shaded to 39c. to 40c. per pound, but the basic position of the article did not seem to be much changed. Tree bark was very quiet but undertones remained steady in all quarters.

Beans

Vanilla.—Strength predominated in all quarters of the market. Foreign prices were such as to keep local quotations to an upward tendency and with very fair demand a reasonable prospect over the next three or four months, dealers on spot took a strong view on the future of values and usually recommended that manufacturing consumers cover at least a liberal portion of their expected needs.

Berries

Juniper.—Sufficient business was done to keep prices steady. Also, import cost was a check on any tendency to shade the local quotations. The general undertone of the market was very steady.

Raspberries.—Dried berries weakened under competition and the market was down to the basis of 32c. to 35c. per pound. The trend of values for some time has been in favor of buyers and there had been recently some reason to believe that the bottom of the decline had been reached. However, last week the downward trend was resumed.

Flowers

Calendula.—A slightly lower price developed under competition and business was reported done over the range of 28c. to 30c. per pound during the past week. Trade had been very slow for a substantial period of time.

Lavender.—Inquiries were very fair in number and quantities asked indicated were reasonably attractive in size. Quotations were generally firm in all respects.

Mullein.—The market was quoted at 78c. to 80c. per pound under competitive circumstances last week although it was indicated that considering the basic position of the primary market an upward revision in values might be not unexpected.

Pyrethrum.—Cables from Japan reported a loss of 450 tons of flowers by fire. Prices advanced sharply but subsequently reacted downward, leaving but a portion of the rise in effect. However, the market was declared to be very firm.

Rose.—Pale buds remained very scarce and all prices were nominal. Red flowers were $2.20 to $2.25 per pound, although in most instances the higher figure was provided as a quotation representing the market.

Saffron.—Mexican was shaded once more, this time to 26c. to 27c. per pound. Spanish material was held very firm at $29 to $31 per pound, which was in line with the prevailing price of replacements.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Gums

Arabic.—Conditions were fairly favorable for the manufacturing consumer. Competition was quite keen at all times and prices had a tendency to move in favor of buyers. Actual consuming request was reported to be moderate in volume and somewhat irregular in character.

Benzoin.—Stocks were somewhat larger than they had been and quotations on the Sumatra article were lower on the basis of 17c. to 19c. per pound. The call was of seasonal character.

Guaiac.—Fair trade at steady prices was noted and the general undertone of the market remained on the firm side.

Karaya.—Outlook was favorable for a fair consumption of this article but reserves were such that the market could easily care for any reasonable expansion in consuming request without prices in general being stimulated.

Tragacanth.—Quotations have eased further and late last week the market on No. 1 ranged $2.25 to $2.35 per pound, according to quantity; No. 2, $1.90 to $1.95; No. 3, $1.60 to $1.65. Conditions were such as to suggest that on a firm order these quotations might be shaded approximately 5c. per pound.

Herbs and Leaves

Buchu.—Undertones were fairly steady in a very quiet market. Prices were fairly well in favor of buyers and conditions would also favor them in the event of firm orders reaching the spot market under competitive circumstances.

Belladonna. — Although competition was fairly active, open quotations were generally on the steady side and prevailed on the majority of business booked during the past week.

Henna.—Some very fair business in powdered merchandise was reported, though it was booked under conditions that tended to make buyers pay full quoted limits. The general undertone of the market was steady.

Senna.—Although open quotations lacked change, conditions were fairly favorable for buyers especially in keeping with the not substantial interest displayed by manufacturing consumers in general during the past week.

Stramonium.—Values were very firm. The market was stocked with fairly high cost merchandise and replacements were not obtainable at prices more advantageous than had prevailed for a substantial period of time. No tendency toward shading was noted.

Miscellaneous

Ergot.—The market was lower at $1.20 to $1.25 per pound. Cables offering shipment parcels from Europe came in somewhat lower, following the recent trend of values there. Sales have been made on spot at $1.20 per pound for strictly U.S.P. goods. Beyond a fairly substantial transaction at that level, not much business has been done of late.

Grains of Paradise.—A spot offering at 50c. to 55c. per pound was noted, this being a concession from previous quotations and the movement took place notwithstanding the fact that stocks were still very conservative.

Kamala.—Quotations were down to the basis of 21c. to 22c. per pound, being a development that resulted from local competition in a very quiet spot market.

Papain.—Powder was lowered to the basis of $1.15 to $1.20 per pound. Stocks were reported to be somewhat larger than in recent weeks and hence the trend of values in favor of buyers.

Roots

Althea.—Although unchanged in price, the market was working toward an easier position, more especially abroad, and there was some reason to expect a change in the local position.

Gentian.—Undertones were fairly steady in the main and the market as a whole was well maintained and backed by a moderately satisfactory consuming request.

Rhubarb.—Two advances in the shipment price were reported by agents of primary market shippers. The tendency on spot was to go slow in selling until such time as the true position in China may be developed. Prices were withdrawn temporarily.

Valerian.—More than ordinarily good request was reported last week, though most of the quantities asked for were of moderate size. Undertones were steadier and prices assumed a firmer position.

Seeds

Cardamom.—Decorticated seed was higher at 85c. to 87c. per pound. So was green seed at 55c. to 57c. Bleached seed lacked change.

Coriander.—Fractionally higher prices made the market 4¾c. to 5¼c. per pound on the general run of spot business, which was light last week.

Flea.—Some local competition developed in the market for French seed and quotations were lowered to the basis of 12c. to 13c. per pound.

Mustard.—California brown seed was shaded to 6⅜c. to 6¾c. per pound. Danish yellow was higher at 8¼c. to 8⅝c. Bombay brown was off to 4c. to 4½c. Other varieties lacked quotable change.

—*Continued on page* 44

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- Fire-extinguishing fluids (various patents)
- Fire-extinguishing systems (various patents)
- Fire-preventing foams (various patents)
- Fire-proofings (various patents)

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Process material in making—
- Baking powder (U.S. 1274334)
- Pectin product (U.S. 1497884)
- Self-rising flour (U.S. 1244867)

Reagent in—
- Dissolving starch

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Process material (U.S. 1475259) in making—
- Liquid fuel

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- Peat

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Process material in making—
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- Color lakes for printing inks

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Ingredient of—
- Fungicides of combating root-rot of trees
- General fungicidal compositions
- General insecticidal compositions (U.S. 1911867 and various others)
- Moth-repellents (U.S. 1515182, 1494085, and others)

Leather

Ingredient of—
- Shoe box toe composition (U.S. 1380865)
- Shoe heel composition (U.S. 1477576)
- Shoe sole composition (U.S. 1477576)
- Tanning mixtures for skins and hides
- Tanning mixtures for white leathers

Process material in making—
- Coating agent (U.S. 1505044)
- Tanning agents (various patents)
- Waterproofings (U.S. 1223480)
- Waterproof leather-board (U.S. 1142953 and 1152294)

Mechanical

Coagulant for removing—
- Suspended matter in water
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- Hardness from water (U.S. 1305123)
- Oil from boiler feedwater (U.S. 1243191)

Metallurgical

Cleaning agent (U.S. 1324317) for—
- Iron Steel

Ingredient (U.S. 1466126) of—
- Tin-plating electrolyte

Process material in making—
- Ferro-aluminum (U.S. 1489362)
- Galvanized iron (U.S. 1491381)

Reactant in producing—
- Metals of the platinum group

Rust-removing agent (U.S. 1324317) for—
- Iron Steel

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- Iron Steel

Mining

Flotation agent for—
- Minerals and ores, particularly silver and gold ores (various patents)

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Etching agent (U.S. 1482793) for—
- Quartz

Ingredient of—
- Aluminum polishing composition (U.S. 1491456)
- Binder (U.S. 1400164)
- Brakeband (U.S. 1307857)
- Nonhygroscopic composition (U.S. 1905833)
- Polishing compositions of various kinds
- Waterproofings (many patents)
- Wood substitute (U.S. 1463123)

Process material in making—
- Carpets (U.S. 1379703)
- Counterboards (U.S. 1332541)
- Waterproofings (many patents)

Waterproofing agent (U.S. 1280954) for—
- Asbestos

Paint and Varnish

Aggregating agent (Brit. 391973) in making—
- Distempers containing rubber

Ingredient of—
- Fireproof paints
- Paint and varnish removers
- Paint primer (U.S. 1489692)

Process material in making—
- Color lakes (Brit. 404262 and various other patents)
- Satin white
- White pigments

Paper

Filler and loading agent for—
- Paper products

Fireproofing agent for—
- Paper products
- Pulpboard (U.S. 1907711)

Ingredient of—
- Coatings Sizes
- Fillers

Process material in making—
- Cardboard
- Container board
- Fiberboard
- Waterproofed paper and pasteboard (Brit. 403116)

Size in making—
- Newsprint Writing paper
- Packing paper Wrapping paper

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- Papermill waste water
- Sulphite waste liquor

Petroleum

Decolorizing agent in purifying—
- Gasoline Petroleum oils
- Kerosene

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- Gasoline Petroleum oils
- Kerosene

Ingredient of—
- Flocculating agent, containing also sawdust and manganese resinate, used in Pier process for hydrogenating petroleum oils (U.S. 1912856)
- Lubricating compositions with mineral oil base

Pharmaceutical

In compounding and dispensing practice

Photographic

Reagent (U.S. 1234391) for—
- Recovering silver from silver-gelatin emulsions

Plastics

Process material in making—
- Celluloid substitute (U.S. 1264979)
- Ivory substitute (U.S. 1143893)
- Mica substitute (U.S. 1264979)
- Molded products (U.S. 1477576)
- Mother of pearl substitute (U.S. 1264979)
- Plastics (various patents)

Refractory

Binder for—
- Aluminum oxide Bauxite

Binder in—
- Firebrick Refractories

Process material in making—
- Refractories

Rubber

Aggregating agent (Brit. 399870 and 399871) in making—
- Rubber-bonded fibers which normally coagulate rubber latex

Flocculating agent (Brit. 397270) in making—
- Smooth matt finishes of rubber on various articles

Sugar

Defecating and refining agent in—
- Treating sugar juices to remove impurities, coloring matters, and the like

Soap

Bleaching agent for—
- Glycerin

Precipitating agent in making—
- Glycerin

Textile

Dyeing

Assistant in dyeing—
- Fabrics and yarns with alizarin and similar dyestuffs

Ingredient of—
- "Red liquor"

Mordant in—
- Dyeing processes

Manufacturing and Finishing

Fireproofing agent (U.S. 1434549) for—
- Fabrics (used in conjunction with sodium phosphate)

Ingredient of—
- Coating agent for canvas, tent fabrics, and the like
- Coating agents for various fabrics
- Cotton bleaching baths (Brit. 412793)

Process material in making—
- Brocaded effects on fabrics (U.S. 1513370)
- Embossed effects on fabrics (U.S. 1379703)

Waterproofing agent for—
- Fabrics

Weighting agent for—
- Silk

Water and Sanitation

Coagulant for removing—
- Suspended matter in water
- Turbidity in water

Process material in—
- Sewage precipitation
- Water purification (many patents)

Process material in making—
- Water-purification agents
- Water-softening agents
- Zeolites (artificial) (various patents)

Wood

Ingredient (U.S. 1223480) of—
- Waterproofing composition

Preservative (U.S. 1248022)

Treating agent (U.S. 1390796) for—
- Redwood

Benzene Sulphochloride

Chemical

Reactant in—
- Organic syntheses

Electrical

Starting point (Brit. 469819) in making—
- Aromatic sulphones, used as dielectrics, by condensing with isopropylnaphthalene or xylene

---

Butyl Succinate

Chemical

Reactant in—
- Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
- Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Cerotic Acid Chloride

Chemical

Starting point (Brit. 453778) in making—
- Emulsifying agents by sulphonating products of its reactions with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Lubricant

Starting point (Brit. 453778) in making—
- Lubricants with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

---

Diethylenetriamine

Chemical

Amine soluble in—
- Hydrocarbons Water

Reactant in—
- Organic syntheses

Saponifying agent for—
- Acidic materials
- Fatty acids

Strongly alkaline, high-boiling solvent for—
- Acid gases Resins
- Sulphur

Starting point in making—
- Derivatives offered as useful in the rubber, resin, dye, and textile industries

Dye

Strongly alkaline, high-boiling solvent for—
- Dyes Sulphur

Fats and Oils

Saponifying agent for—
- Fatty acids

Soap

Saponifying agent for—
- Fatty acids

Monofluoroundecanic Acid Methylglycamide

Insecticide and Fungicide

Fungicide (Brit. 458179)

Insecticide (Brit. 458179)

Tri-isopropanolamine

Chemical

Reactant in—
- Organic syntheses

Starting point in making—
- Stable, nondarkening soaps, said to be excellent emulsifying agents and completely soluble in hydrocarbons

Cosmetic

Starting point in making—
- Stable, nondarkening emulsifying agents

Fats and Oils

Starting point in making—
- Stable, nondarkening emulsifying agents

Pharmaceutical

Starting point in making—
- Stable, nondarkening emulsifying agents for use in making pharmaceutical preparations

Soap

Starting point in making—
- Stable, nondarkening emulsifying agents for oils

Urealevulose

(A chemical compound obtained by evaporating an aqueous solution containing equimolecular proportions of the components)

Textile

Finishing, sizing, and weighting agent (Brit. 467749) for—
- Cotton Wool
- Rayon

Essential Oils, Aromatic Chemicals

Camphor Oil Still Scarce and Prices Are Generally Nominal —Peppermint Higher and Firmer, Especially in the Middlewest—Java Citronella Weak—Wormseed Up

A week of fair activity in essential oils and aromatic chemicals was reported. While individual orders were not large, volume compared favorably with that in recent weeks, but was achieved under continually competitive conditions.

Camphor oil was extremely scarce, so much so that numerous substitutes were reported either under development or actually available to the consuming trade. All prices were nominal. Control of prices and sales in the primary market was absolute and there were no signs that Japan would relax her present policies. Naturally, artificial sassafras was strong and while prices held unchanged, they tended upward.

Peppermint was higher in the primary market and on spot. Reported low prices on spot were declared by reliable authority to be not backed with oil for actual delivery at the reported prices. One of the largest middlewestern dealers was declared to have withdrawn from the market temporarily. Better demand for wormseed turned that article from its recent position of price depression and values were up some.

Distilled lime remained highly competitive, but no further open reduction in quotations was made. Expressed was lower. Java citronella was weak and despite the fact that spot stocks were bought on a much higher primary market, the low cost of goods for import kept local quotations declining and they were at levels productive of nothing but loss last week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Camphor, sassafrassy, 2c. per lb.
white, 2c. per lb.
Peppermint, natural, 15c. per lb.
redistilled, 15c. per lb.
Wormseed, 5c. per lb.

Reduced

Citronella, Java, 2c. per lb.
Lemongrass, 1½c. per lb.
Lime, expressed, 25c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.7	68.3	68.7	78.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—A market of very quiet sort prevailed throughout the past week under conditions suggestive of a fair amount of competition between dealers. Sweet oil moved only in a routine fashion.

Apricot.—Undertones were quiet and while prices lacked quotable change, they seemed to be generally on the easy side and subject to negotiation when firm orders were under consideration. Stocks were of fair size.

Bergamot. — A very firm market ruled at all times under the influence of controlled values at the source of supply. A fair stock was available on spot and a reasonable movement into consumption was reported.

Camphor. — Stocks were still very low and once more spot prices became strictly nominal on the basis of 27c. per pound in drums, and 30c. in cans. The situation was such that substitute materials were steadily being developed and some prepared by prominent houses were being pushed actively.

Caraway.—A not large but fairly steady request was reported locally and the market as a whole was on a reasonably steady basis of price. However, beneath the surface was a tendency toward competition and conditions seemed to favor buyers.

Cassia.—Prices were more or less firm on spot in keeping with the lack of weakness at the source from which none but moderate offerings have been commonly reported for some time past.

Cedarleaf.—Some very fair-sized jobbing business was done last week, giving prices a reasonably steady basis and tending to check undue competition on a price basis. Stocks were in good reserve.

Cedarwood.—Leading sellers look forward toward a widening of demand, especially on export account. Business last week was not very active but it was sufficient to give support to quoted prices.

Citronella.—Spot stocks of Java oil consisted mainly of goods showing a high cost, far higher than the article could be bought for today. Therefore, sales being made now usually involve losses to the dealer. The material continued to be available at prices far below the level of Ceylon oil, the usual price relationship between the two varieties of oil having been reversed for some time past.

Clove.—The market remained unchanged in price and, according to the producers, should be higher based on the present cost of raw material. Values continued to be kept down by the general lack of substantial demand.

Eucalyptus.—The market was fairly steady on the whole with demand coming under the influence of seasonal conditions. However, many manufacturing consumers were understood to hold fairly substantial stocks in reserve. Spot prices were well held.

Geranium.—Competition was quite keen in a market not especially active at any time during the past week. Trade was generally spotty and lack of substantial volume tended to keep values distinctly in favor of those with firm orders to place.

Grapefruit.—Some export business was done at prices approximately firm. Domestic sales were not very large, however, and consisted mainly of hand-to-mouth transactions. Prices lacked change.

Ginger.—Production costs continued favorable because of the low prices at which raw material has been available of late. Demand for oil continued to be moderate in size but apparently sufficient to permit the maintenance of reasonably steady prices.

Juniper.—More inquiry was reported in some directions, but in the main trade continued along conservative, even cautious, lines. Buyers did little more than cover their actual requirements of the nearby future.

Lemon.—The Italian market was reported showing signs of sustained strength with prices lacking any unsettlement and the tendency abroad, if any, was upward. Quotations on spot remained very firm and, when compared with prices on California oil, definitely on the high side. Domestic oil was firm and well stabilized under the influence of a very good call and an ample reserve stock.

Lemongrass.—The market lacked support and appeared to show signs of competitive weakness that brought open quotations to the basis of 31½c. to 32c. per pound. Consumption has been light and replacement costs continued favorable last week.

Lime.—Competition was active, especially as concerned the distilled material. While open quotations lacked quotable change, they were distinctly easy and unsettled under influences that kept them favorable for those with firm orders in hand. Expressed oil was shaded to $6.50 to $6.75 per pound.

Orange.—Irregular demand was the common report. While the total movement was fair, it was not expansive so far as most kinds of oil were concerned. California oil continued to show the way, being offered at very low prices and receiving a high share of the current consuming demand.

Peppermint.—Prices have moved up in the country and one of the largest dealers in the middlewest has withdrawn from the market temporarily pending further unfolding of what is felt to be fundamentally a very firm situation. Spot quotations were higher at $2.30 to $2.55 per pound for natural, and $2.55 to $2.80 for the redistilled article. Well informed middlemen declared that low quoted prices were rarely backed by actual deliveries at the levels mentioned; they intimated that a disposition to hold back an advance appeared to exist.

Petitgrain. — Although quotations were no lower, they were easy because of the element of competition that recently sent values down. Trade was irregular and spotty most of the time.

Rosemary. — Especially interested dealers were watching the Spanish developments closely, feeling that should a decision be reached at an early date, more oil might be produced in Spain this year.

Sassafras.—Prominent sellers declared that while prices were unchanged, the material was being sold too low and that ultimately a higher level of value must be established to bring spot quota-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Production Economy
Without Sacrificing Quality
PERFUME OIL 413
an inexpensive SUBSTITUTE for expensive
OIL SASSAFRAS ARTIFICIAL
Write for the facts today!
MAGNUS, MABEE & REYNARD, Inc.
16 DESBROSSES STREET, NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. Wacker Drive, Chicago, Ill.
CANADA: Richardson Agencies, Ltd., 454 King St., W., Toronto
Balsams, Aromatic Chemicals, Concentrated Flavors ... Since 1895 *Essential Oils*

MYSORE GOVERNMENT SANDALWOOD OIL
Distilled at Linden, N. J. from selected Mysore Heartwood by Sole Distillers and Selling Agents
W. J. BUSH & CO.
INCORPORATED
ESSENTIAL OILS | NATURAL FLORAL PRODUCTS | AROMATIC CHEMICALS

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
IMPORT Established 1896 EXPORT
162-164 FRONT STREET NEW YORK CITY

Headquarters for
PERFUME COMPOUNDS
True - FLAVORS - Imitatio
ESSENTIAL OILS
BALSAMS
Peru - Copaiba - Oregon
H. C. RYLAND, Inc.
161-163 Water St., New York, N.Y.

SPRAY PERFUMES
INEXPENSIVE — EFFECTIVE
Ampolene $ .65 lb. Dopolene $1.00 lb.
Cipolene .50 lb. Ropolene .80 lb.
Write for particulars
SCHIMMEL & CO. INC.
601 West 26 St. New York, N. Y.

D&O ESTABLISHED IN 1798
OIL PEPPERMINT "D & O"
Natural
"Prismentha", Redistilled
"Sweetmint", Redistilled
"Diamond White", Triple Distilled
"Supermentha", Multiple Rectified
Second to none
We solicit your orders
DODGE & OLCOTT COMPANY
180 VARICK STREET NEW YORK, N. Y.
Boston Chicago Philadelphia St. Louis Los Angeles
Plant and Laboratories: Bayonne, N. J.

tions into line with strong and higher cost of shipment goods.

Spearmint.—The undertone was generally firm both on spot and in the primary market. While demand did not press actively for large lots, there was a very good trade in smaller amounts and hence prices were well maintained.

Wormseed.—After an extended period of unsettlement, this material turned firmer last week and spot prices worked up slightly to the basis of $2.05 to $2.10 per pound. Some export business was done and more was in prospect together with a very fair call on domestic account.

Aromatic Chemicals

Amyl Salicylate.—Several fair sized transactions were put through last week and the market was found to be generally well stabilized on the spot. Reserves were sufficient to meet all needs.

Benzyl Acetate.—Leading producers reported prices to be well stabilized and totally without change or sign of early shift in the schedule. A very fair consuming request was noted.

Benzyl Benzoate.—Trade was very fair in volume and the movement into consumption was sufficient to maintain prices in well stabilized position. The call was reasonably steady throughout the period.

Methyl Cinnamate.—Leading producers offered the article in a substantial way as low as $1.85 per pound. The range according to quantity was to $2. A fair request was current.

Calif. Fruit Exchange Names R. Eller Ad. Manager

Los Angeles, Jan. 26, 1939

Russell Eller has been named advertising manager of the California Fruit Growers Exchange, succeeding W. B. Geissinger. R. S. Simmons has been made assistant manager to succeed Mr. Eller. The appointments are effective February 1, when Mr. Geissinger leaves to accept his new position as an executive of Lord & Thomas, Chicago. Mr. Eller has been identified with Sunkist advertising since 1923, when he joined the eastern dealer service staff. He was placed in charge of dealer service in 1929 and was sent to England to organize dealer service there and to supervise the first extensive Sunkist advertising campaign in Europe. He has served as assistant advertising manager since 1931.

Dr. Hippolyte Gruener, professor of chemistry for forty-three years at the Flora Stone Mather College, Cleveland, plans to retire February 4.

OIL OF LEMON

CALIFORNIA COLD PRESSED

Because of its true-to-the-fruit flavor and unvarying strength; because of its natural appeal to American tastes; and because of its sparkling clarity and excellent solubility, "EXCHANGE" Brand OIL OF LEMON is a good "buy" at any price. By using this dependable product of America's greatest cooperative, you can assure *your* product a quality of appeal that means just two things: More sales and more profit.

FRITZSCHE BROTHERS, Inc.

PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.

BRANCH STOCKS: BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.

FACTORIES AT CLIFTON, N. J. AND SUMMIT, (PO. CHANNEL)

Botanical Drugs

—*Continued from page* 41

Spices

Cassia.—Batavia No. 1 was higher at 16½c. to 17c.; broken, 10¼c. to 10½c.; shortstick, 12½c. to 13.; buds, 16c. to 16½c.; China, extra select, broken, 10½c. to 11½c.; Saigon, 16c. to 16½c.

Clove.—Some of the pressure on prices, exerted by lack of normal reserves in recent weeks, was relieved and the market was lower at 17c. to 17½c. per pound on Madagascar, and at 18c. to 19c. on Zanzibar material.

Ginger.—Cochin lemon was shaded to 6c. to 6½c. per pound. Medium bold Jamaica was higher at 11½c. to 12c. Bright grinding Jamaica was slightly lower at 9c. to 9¼c.; Japanese was down to 6c. to 6½c.

Pepper.—Black Lampong reacted upward to 4½c. to 4¾c. per pound, but since spot stocks were huge and plentiful reserves were available in the Far East, the chance for early recovery of substantial proportions was not good.

Trading in black pepper futures on the New York Produce Exchange from January 21 to January 27, inclusive, comprised 369 contracts, a total of 12,398,400 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.36	4.33	4.35@4.36
February	3.85	3.76	3.85@3.90
March	3.96	3.81	3.90 sale
May	4.10	3.90	4.01 sale
July	4.20	3.99	4.09@4.12
September	4.27	4.08	4.18@4.20
October	4.28	4.20	4.21@4.23
December	4.42	4.19	4.30@4.32

Pimento.—The market was fractionally higher at 14½c. to 15c. per pound.

National Health Plan Laid Before Congress

—*Continued from page* 3

considerable extent by prevention of present burdens of dependency. Specific recommendations are as follows:—

A. The committee recommends the expansion and strengthening of existing Federal-State co-operative health programs under the social security act through more nearly adequate grants-in-aid to the States and, through the States, to the localities.

B. The committee recommends grants-in-aid to the States for the construction, enlargement, and moderization of hospitals and related facilities where these are nonexistent or inadequate but are needed, including the construction of health and diagnostic centers in areas, especially rural or sparsely populated, inaccessible to hospitals. The committee also recommends grants toward operating costs during the first years of such newly developed institutions to assist the States and localities in taking over responsibilities.

C. The committee recommends that the Federal government provide grants-in-aid to the States to assist them in developing programs of medical care

D. The committee recommends the development of social insurance to insure partial replacement of wages during temporary or permanent disability.

A bill (H. R. 2423) to establish a medical research center in Washington has been introduced in the House by Representative Andrew J. May, of Kentucky. The institution contemplated in Representative May's proposal would combine under one administration facilities for providing medical services for persons in low-income groups; all research activities conducted by the Federal government with respect to foods, drugs, alcoholic liquors, maternal and child welfare, and medicine surgery; and a training school for medical officers of the army, navy, and public health service.

Charles Goldhardt Joins Murphy & Beese Sales Staff

Charles Goldhardt, who resigned his position with Volkhart Brothers early in January, has joined the sales force of Murphy & Beese, citronella oil, spices, and fibers, this city. Mr. Goldhardt received his early training as salesman under Miss Theresa R. Murphy, who for more than fifteen years had charge of the essential oil department of Volkhardt Brothers. In March, 1938, Miss Murphy joined with George Beese of the Anglo-South American Bank, Ltd., to form the firm of Murphy & Beese, and Miss Murphy, who is widely and favorably known by citronella oil dealers and consumers, stated that the company was fortunate in securing the services of Mr. Goldhardt.

Seldner & Enequist, Inc., manufacturer of chemicals and adhesives, Brooklyn, is distributing its January price bulletin.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-sixty-third Instalment

Methyl Formate

Catalysts in Manufacture of Methyl Formate

Charcoal
Chromium
Chromium oxide
Copper
Copper oxide
Hydrogen
Iron
Iron oxide
Nickel
Nickel oxide
Porcelain
Pumice
Terra-cotta

Methyl Ketone

Catalysts in Hydrogenation of Methyl Ketone

Cobalt nitrate
Cobalt oxide
Copper
Iron
Nickel
Nickel nitrate
Nickel oxide
Palladium
Palladium chloride

Catalyst Carriers in Hydrogenation of Methyl Ketone

Alumina
Carbon
Kieselguhr
Pumice

Methyl Salicylate

Solvents for Methyl Salicylate

Acetone
Acetoacetic ether
Acetyl carbinol
Acetylacetone
Alcohol
Allyl bromide
Allyl chloride
Allyl sulphide
Aminoethanol
Amyl acetate
Amyl alcohols
Amyl ether
Amyl formate
Amyl salicylate
Amyl valerate
Amylamine
Amylbenzene
Amylene
Amylglycol
Anilin
Anisol
Benzyl acetate
Benzyl acetoacetic ether
Butyl acetate
Butyl alcohols
Butylamine
Butyleneglycol
Butyric acid
Butyric aldehyde
Chloral
Chloroacetone
Chlorobenzene
Chloroethyl alcohol
Chloroform
Cinnamic acid
Cinnamic aldehyde
Citral
Citronellal
Citronellol
Cyclohexane
Cyclohexanol
Cyclohexanone
Cymene-1:2
Cymene-1:3
Decane, normal
Decylene, normal
Diacetone alcohol
Dichloroacetic acid
Dichlorobenzene
Diethyl carbinol
Diethylbenzenes
Diethylene oxide
Diethyleneglycol
Diethyleneglycol ethyl-ether
Diethyleneglycol mono-acetate
Difluorotetrachloroethane
Dimethylethyl carbinol
Dimethylpropyl carbinol
Dipropyl ketone
Ether
Ethanolamine
Ethoxyanilin
Ethoxypiperidin
Ethyl acetate
Ethyl acetoacetate
Ethyl alcohol
Ethyl chloride
Ethyl dichloroacetate
Ethyl oxalate
Ethyl propionate
Ethyl salicylate
Ethylamine
Ethylamyl ketone
Ethylanilin
Ethylbenzene
Ethylbenzyl ether
Ethylbenzyl ketone
Ethylene oxide
Ethylenecyanhydrin
Ethyleneglycol
Ethyleneglycol butylether
Ethyleneglycol diethyl-ether
Ethyleneglycol ethylether
Ethyleneglycol isoamyl-ether
Ethyleneglycol isopropyl-ether
Ethyleneglycol isobutyl-ether
Ethyleneglycol methyl-ether
Ethyleneglycol mono-acetate
Ethyleneglycol propyl-ether
Ethylglycol ether
Ethylidenecyanhydrin
Ethylisobutyl ether
Ethylisobutyl ketone
Ethylisopropyl ether
Ethylphenyl carbinol
Ethylphenyl ketone
Ethylpropyl carbinol
Ethylpropyl ether
Ethylpropyl ketone
Ethyltoluene
Furfuryl alcohol
Glycol acetate
Glycol monoacetate
Glycol ether acetate (slightly)
Glycopon AAA
Heptyl acetate, normal
Heptyl alcohol
Heptyl aldehyde
Heptylamine
Hexenyl alcohol
Hexyl alcohol
Hexyl formate
Isoamylbenzene
Isoamylene alcohol
Isobutyl acetate
Isobutyl alcohol
Isobutyl aldehyde
Isobutyl benzoate
Isobutyl ether
Isobutyl formate
Isobutylamine
Isobutylbenzene
Isopentane
Isopropyl acetate
Isopropyl alcohol
Isopropyl ether
Isopropyl ketone
Isopropylamine
Metadiethylbenzene
Methanol
Methyl benzoate
Methyl butyrate
Methylamine
Methylbutyl ether
Methylbutyl ketone
Methylethyl carbonate
Methylethyl ether
Methylethyl ketone
Methylheptyl ether
Methyl-normal-propyl alcohol
Methylpropyl ether
Methylpropyl ketone
Octyl aldehyde
Octylamine
Orthodiethylbenzene
Paradiethylbenzene
Phenylamine
Phenylpropyl alcohol
Propionic acid
Propionic aldehyde
Propyl acetate
Propyl alcohol
Propyl ether
Propylamine
Propylene oxide
Propyleneglycol ethyl-ether
Propyleneglycol iso-propylether
Propyleneglycol methyl-ether
Propylhexyl ketone
Terpinene
Tetraethyleneglycol
Tetraethylene ethylether
Toluene
Toluidin
Triethylamine
Triethyleneglycol
Triethyleneglycol ethyl-ether
Trifluorotrichloroethane
Trimethylenediamine
Tri-normal-butylamine
Water (sparingly soluble)

Methylpropyl Ketone

Catalysts Used in the Hydrogenation of Methylpropyl Ketone

Cobalt
Cobalt nitrate
Cobalt oxide
Copper
Iron
Nickel
Nickel nitrate
Nickel oxide
Palladium
Palladium chloride

Catalyst Carriers in the Hydrogenation of Methylpropyl Ketone

Carbon
Kieselguhr
Pumice

Mildew

Preventives of Mildew

Alkyl-lead phenolates
Aluminum acetate
Ammoniated mercury
Antiseptics
Arsenic green soap
Arsenic oxide
Arsenic with green soap and sodium chloride
Aseptex
Aseptoform
Barium silicofluoride
Barium sulphide
Benzoates
Beta-4-hydroxy-3-carb-oxyphenyloctane
Betanaphthol
Bis-alkyl xanthates
Bis-alkyl xantogens
Bis-bromochlorohydroxy-phenylmethane
Bis-(3:5-dichlor-2-hy-droxyphenylmethane)
Bis-2:4:6-trichlor-3-hy-droxyphenylmethane
Bismuth triphenyl-dibromide
Borax
Borosalicylic acid
Brominated bis-hydroxy tolylmethane
Brucine anilide acetate
Calcium silicofluoride
Cerium acetate
5-Chlor-2-hydroxydi-phenylmethane
5-Chlor-2-hydroxy-4'-methyldiphenylmethane

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Pennsylvania Crudes Advanced—Chicago Heating Oils Increased —Kerosene and Fuel Oils Consumption Heavy—Gasoline Demand Light—Penny Tax on Furnace Oils Proposed

Advances of from 5-12c. per barrel in the price of Pennsylvania crude oil, the first hardening of the price structure since 1937, and strengthening of the market for heating oils and kerosene were seen in the New York area last week. Although the crude advance was announced by only two companies, other agencies were expected to match it. Producers did not believe the increases will effect the mid-continent field since prices of Pennsylvania crude normally move independently.

Louisiana's allowable oil production for February was set at 255,140 barrels daily, an increase of 3,800 barrels over January. The 64 fields of South Louisiana were allowed 190,590 barrels, representing 2,700 barrels more than this month. The Rodessa Field in North Louisiana was limited to 29,000 barrels, a 1,000-barrel decrease and remaining fields were permitted 35,550 barrels for a total of 64,550. Atlas Pipe Line Corporation, controlled by Lion Oil Refinery Company, closed down its oil refinery in Shreveport. The reason given was "bad business" and "little or no money in the manufacturing end presently." The refinery had a capacity of about 12,000 barrels daily.

Crude oil output in the Sudeten area in Czechoslovakia increased 9.3 percent in the first 11 months of 1938 the Department of Commerce reported. Production of oil in Alberta, Canada, during the first nine months of 1938 totaled 5,174,575 barrels. This was nearly three times the production of last year's similar period. Oil has been found in Bahia State, Brazil, but it was not reported whether it was a large or superficial deposit. The Egyptian government had under consideration plans for a big oil drive, it was understood that increased oil exploration permits will be given to oil companies.

The daily average supply of domestic crude oil estimated by the Bureau of Mines to meet the market demand in February is 3,220,000 barrels. This is 50,600 barrels less than the estimate for January and is 4 percent lower than the actual demand for crude in February, 1938. The anticipated gasoline stock increase for next month is 4,500,000 barrels, compared with an actual increase of 5,904,000 barrels for the same month last year. So far in January gasoline stocks have been heading toward excessive levels. Unless the industry promptly curtails refinery runs it will enter the Spring season this year with about the same amount of gasoline on hand as the market-depressing quantity it held at the beginning of Spring last year. Gasoline production in Canada during 1938 totaled 18,294,282 barrels, of which 10,340,000 barrels were made by the straight run process and 7,954,271 barrels by cracking.

The daily average production of crude oil in the United States for the week ended January 21 was 3,264,450 barrels, a decrease of 20,850 barrels from the preceding week's total, according to the American Petroleum Institute. Daily average production for the four weeks ended January 21 was 3,231,800 barrels. Reports from companies controlling 85.8 percent of the nation's refining capacity indicated that the industry as a whole ran to stills 3,310,000 barrels of crude oil daliy during the week ended January 21. All companies had in storage at refineries, bulk terminals, in transit and in pipelines at the end of the week 75,455,000 barrels of finished and unfinished gasoline, 27,099,000 barrels of gas and distillate fuel oil and 114,082,000 barrels of heavy fuel oils. Stocks of domestic and foreign crude oil at the close of the week ending January 14 totaled 271,819,000 barrels, according to Secretary of Interior Harold L. Ickes. This represents a decrease of 506,000 barrels from the week before.

Solvents and Diluents

The strength of the market showed a slight gain last week as sellers reported a more active movement of stocks. Spot business was still a quiet factor however. In certain sections of the Midwest offerings remained in excess of demands, although producers stated that inquiries for future business indicated that this excess would be assimilated. The prices in New York continued firm and unchanged.

Cleaners' Naphtha.—The tone of the market remained firm with demand at a slightly higher level. No change was reported in the price.

Aromatic Naphtha. — The market showed strength compared to the previous week. Quoted prices still remained in force and a softening in price noted in the Chicago market two weeks ago was wiped out.

Petroleum Thinners. — Volume of sales continued to increase last week according to most of the producers in the New York area. Manufacturers also reported that inquiries for future business showed a gain. No changes were reported in price.

Stoddard Solvents. — This solvent showed a slight gain last week which tended to strengthen the market as a whole. The price side of the market showed no new developments.

V. M. & P. Naphthas.—Sales picked up slightly and as a result the market as a whole showed a firmer tone. The softness in the Chicago market noted two weeks ago was not in evidence last week.

Markets at Other Centers

Chicago, Jan. 27.—The petroleum solvent and diluent dealings are on a quiet, little changed basis. Price cutting has taken its toll here and there, but seems of amount to no important consideration at this time. Tankwagon prices are showing more stability in some areas of the middle west after recent adjustments. Inquiries continue to come in in good volume. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma) :—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; rubber solvent, 6⅜c. to 6½c., lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c.; v.m.&p. naphtha, 6⅜c., to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, Jan. 27.—Manufacturers continued to hold their prices. Activity was moderate in all grades of V.M.P., Stoddard, and cleaners' naphthas.

Lighter Fractions

The market took on a firmer tone as stocks moved into consumption at a more rapid rate than they had in the past few weeks. The gain was slight, however, and the demand for butanes, heptanes and other light hydrocarbons was not as great as was expected. Pricewise the situation showed no changes.

Butanes.—Conditions surrounding the market were unchanged, and sellers reported that movement of material out of their hands was light. The price continued steady and unchanged at the quoted levels.

Heptanes.—All withdrawals were against contract, and the spot business was reported poor. The price continued firm at the quoted level.

Octane.—This mixture held an even position, with producers disposing of material at 10½c. per gallon for the tankcar lots, f.o.b. Group 3. No unusual features in the market were noted.

Petrolatums and Waxes

White Mineral Oils.—The demands on the market were reported slightly increased last week, but the general situation remained in an unsettled condition. Prices for both the domestic and imported mixtures remained steady and unchanged.

Paraffin Waxes. — Demand for scale wax was disappointing last week. Inquiries two weeks ago indicated a pickup in the volume of business, but this gain did not appear. Prices continued firm at the quoted levels.

Chicago, Jan. 27.—The refined petroleum wax market is quiet and slow. Inventories have constituted a question of continuing perplexity in certain cases, with tone of the market inclined to some spottiness as a consequence, but on the whole the tone seems to be fairly steady. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Jan. 27.—The prices for paraffin wax were firm with activity moderate. The American crude 124-26 grade is 2⅜c. to 2½c. per pound.

Petrolatum.—The tone of the market showed no improvement last week and sellers of this material were not inclined to expect any heavy volume of trade until next month. The car lot prices for the amber grade continued at 2⅝c. to 2¾c. per pound.

Fuels and Lubricants

An increase in the price of heating oil in Chicago and strengthening of demands for fuel oils and kerosene provided the features of the market last week. A weakening in the barge price structure of heating oil in the New York area was reported by a few sellers. A full week of cold weather along the north Atlantic seaboard stimulated the movement of light domestic and residual fuel oils to the highest level this year. Despite the increased demands the kerosene market appeared to be rather sensitive. Tank car prices were relatively steady but tank wagon supplies were guided exclusively by weather conditions and local situations. Motor fuel movement has been at the winter's lowest level in the past two or three weeks. Extremely cold weather and heavy snowfalls have curtailed consumption. The prices, however, are on a reasonably firm ground.

Market Conditions

Gasoline.—The tone of the market remained in a steady and unchanged condition in the New York area. Drastic drops in temperature and heavy snowfalls curtailed consumption. Retail conditions in the market are less definite. There was a growing weakness in the western Pennsylvania refinery tank car structure, while the price cutting in Philadelphia continued. The gasoline price wars in Erie, Pa., and in Boston both came to an end.

Kerosene.—The demand for this mixture was reported more active than in previous weeks. Although there were no changes in the price levels the tone of the market became firmer. The sale of this mixture at a very low price in New Haven for the past few weeks was corrected and the price there now corresponds to the New York price.

Fuel and Gas Oils.—The market for fuel oils of all types took on a firmer tone last week as freezing weather appeared in the East and Midwest. The price of heating oils in Chicago witnessed a change but despite the increased demands prices in most cases were not advanced. A tax of one cent per gallon, to be paid by the seller, would be imposed on the sale of fuel oil for generation of heat or power under the terms of a bill (H. R. 2886) introduced in Congress by Representative J. Harold Flannery of Pennsylvania.

Lubricating Oils.—Demands for these oils in the Pennsylvania market showed no marked increases last week. Prices continued firm and unchanged at the quoted levels.

Crude Oil Price Changes

Advances of from 5c.-12c. per barrel in the price of Pennsylvania crude oil were announced by the Joseph Seep Purchasing

Outputs and Quotas

A comparison of Bureau of Mines calculations for December productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended January 21, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma	499,700	428,000	426,950
Kansas	153,900	153,900	155,200
Texas	1,332,900	†1,735,500	1,290,250
Louisiana	241,900	251,340	260,250
Arkansas	49,000	‡52,000	50,850
Illinois	86,100	.....	138,400
Eastern (not incl. Illinois)	92,900	.....	91,900
Michigan	47,400	.....	51,000
Wyoming	66,800	.....	51,550
Montana	11,900	.....	13,350
Colorado	3,900	.....	4,250
New Mexico	95,800	100,800	98,300
California	588,400	‡605,000	632,200
Total United States	3,270,600	.....	3,264,450

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of January. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective January 15th. With the exception of Sunday, January 29th, shutdowns are ordered for all Saturdays and Sundays during January. Calculated net basic 7-day allowable for week ended Saturday morning, January 21st, approximately 1,250,000 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

§ This is the December allowable. January allowable is not yet available.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-28	1938 Jan. 1-28
Commercial crude oil production	99,722,000	96,694,400
	Week ended Jan. 28, 1939	Week ended Jan. 29, 1938
Daily average production	3,255,900	3,494,600
	Week ended Jan. 21, 1939	Week ended Jan. 14, 1939
Estimated motor fuel stock total	75,455,000	73,752,000
Estimated finished motor fuel stock at refineries	44,896,000	50,864,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

The State of the Petroleum Market

The Corning grade Pennsylvania was advanced 5c. last week. The gasoline market remained the same.

	Jan. 27	Jan. 20	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.105	$1.11	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0478125	.0525

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Agency of the South Penn Oil Company. Price changes were as follows:—Crude oil from Bradford and Alleghany District was increased 12c. per barrel to $1.80; South West Pennsylvania Pipe Lines, up 9c. to $1.43; Eureka Pipe Lines, up 9c. to $1.37; Buckeye Pipe Lines, advanced 12c. to $1.30; and the Corning grade, increased 5c. to $1.02. The Pennzoil Company increased the price of Lower District Pennsylvania crude 12c. to a range of $1.68-$1.73 per barrel.

Tankwagon Price Changes

Shell Petroleum Corporation advanced heating oil prices by tankwagon delivery in Chicago 1/10c. to 3/10c. per gallon. All range oils were advanced ¼c. Nos. 1, 2, 3, and 4 oils were advanced 3/10c. in largest volume deliveries, and 1/10c. in smaller lots.

Markets at Other Centers

Tulsa, Jan. 27.—Prices were unchanged in the refined oil markets of the Mid-Continent fields, with the exception of natural gasoline, which again eased off. The feature of the week was the resistance that prices were showing in the light products, while softness was being shown in some heavy fuels despite attempts to bolster them.

Both buyers and sellers were losing interest in the seasonal products such as domestic burning oils as temperatures remained above normal. There was some pressure on the lighter fuel oils, while the heaviest products showed a better tone. The consumption of burning oils as a whole is again unsatisfactory this season.

There had been additional curtailment of refinery operations of smaller plants in the mid-continent field, while refiners in the Central West used lower than posted market priced crude from the Illinois and Michigan fields and were maintaining the higher level of operations. There is less price cutting at the retail marts and as a whole the market has a better appearance than for some time in the past. The advance in the Pennsylvania crude market had a salutary effect in the Central West, which is the main influence in crude prices at this time.

The confidence shown in the refined oil markets the previous week continued and inquiries for large volumes of gasoline for future delivery were made again. As a result of the improvement in the Pennsylvania crude oil market there is a better feeling in the lubricating oil markets. Although prices are still unchanged it is believed that an upward adjustment will soon be made.

Following are the approximate prices for the refined products traded in the mid-continent and central west, based upon group three quotations:

GASOLINE.—Low octane U. S. motor is 3¼c. to 3⅜c. per gallon and the 63-66 octane is 3½c. to 4c. per gallon. The 67-69 octane is 3⅞c. to 4¼c. per gallon and the 70-72 regular at 4⅛c. to 4½c. per gallon. The 64-66 gravity is 3⅞c. to 4⅛c., while the 68-70 gravity is 4¾c. to 5c. per gallon.

NATURAL GASOLINE.—The basic 26-70 grade is of ¼c. to ½c. per gallon. It is quoted from 2¾c. to 3c. per gallon in Texas and from 3c. to 3¼c. in Oklahoma with other grades being correspondingly lower.

KEROSENE.—Quotations were unchanged and weak with 41-43 grade at 3¾c. to 4c. per gallon and the 42-44 at 3⅞c. to 4⅛c. per gallon.

DISTILLATES. — Quotations were unchanged with tone soft despite effort of one major interest to advance tankwagon market. The No. 1 prime white was 3⅝c. to 3¾c. per gallon with No. 2 straw at 3⅜c. to 3½c. per gallon.

FUEL OIL.—A better tone prevailed with some slight mark-ups in the lowest grades at various points. Some of the low prices, however, are still available with the 15 degrees and lower at 45c. to 60c. per barrel. The 24-28 high cold test was 85c. to 90c. per barrel and the zero grade $1.

LUBRICANTS.—There was a better tone in the entire market, although no actual price improvement developed. The advance in Pennsylvania crude oils created an improved sentiment.

Chicago, Jan. 27.—Winter has reduced the demand for gasoline to some extent, but the decline has been less than seasonal in much of the middle west, and accordingly the movement of material from refineries is on a comparatively good basis at this time. Prices are holding around earlier levels, which means the lowest points in many months, but tone seems to be steadying gradually. Kerosene is still dull, but is expected to open up soon. Light heating oils have been easy, with demand somewhat disappointing, and prices spotty. The heavy industrial business, on the contrary, is picking up, with orders brisk. Lubricating oil business as a whole is showing betterment.

GASOLINE.—Low octane motor, 3⅝c. to 3⅞c. per gallon; 63-66 octane motor, 3⅞c. to 4⅛c.; 67-69 octane motor, 4⅛c. to 4⅜c. 70-72 octane motor, 4⅜c. to 4⅝c.; 60-62-400, 3⅝c. to 3⅞c.; 64-66, 375, 4c. to 4¼c. 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 white, 3⅝c. to 3¾c. No. 1 straw, 3½c. to 3⅝c.; No. 2 straw 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3½c. No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Jan. 24.—Domestic market price quotations evidenced the same steady trend during the past week with no change in prices, which have been in effect for the past several weeks. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5c.; U. S. motor below 62 octane at 5c.; 63-67 octane at 5¼c., and 68-70 octane at 5⅜c.—all prices being quoted on a per gallon basis at refinery.

Kerosene continued to be quoted at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants were quoted at $1.36 per barrel delivered.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Close Boiling Ranges
One of Skellysolve's 5 Advantages As A Lacquer Diluent

by **A. ERNEST MACGEE**

Manager Skellysolve Division, Skelly Oil Company

WE'VE spent a lot of time studying the problems of our friends in the paint, varnish and lacquer industry, to be sure that the solvents we offered fitted your exact needs. One problem we worked on concerned boiling ranges. You need them *close,* so we've given you some as low as 15° F. from initial to dry flask end point. You need them *constant,* in storage and in formulas, so we've reduced the tendency to fractionate to a minimum. You'll find Skellysolve's close and constant boiling ranges give it a big advantage as a lacquer diluent.

Skellysolve offers you other important advantages, too. *No greasy residues,* for example. Drying is complete and rapid, with minimum gum formation. *Low evaporation losses,* that saves you money, reduces fire hazard and tendency to blush. *Constant uniformity* shipment after shipment, that saves you the cost and trouble of changing formulas. And *uninterrupted supply*—that assures you of ample, on-time deliveries of close-cut fractions for years to come. And that's important as we've learned when we've rushed shipments to people whose solvents source has shut down.

As you know, Skelly pioneered in the solvent naphtha field, developed dependable, uniform, special naphthas for many industries. And we're still pioneering in close cuts, constant uniformity, the most painstaking control of quality. Besides the 5 special advantages of Skellysolve as a lacquer diluent, you'll find other worthwhile features in the Skellysolve line. So, whatever type or price of solvent you need, let's talk it over—for I'm sure we can help you.

Write or wire for information or prices without delay

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Skellysolve is shipped to you in cars used for no other purpose. This prevents any possibility of contamination or mixture with other materials

SOLVENTS DIVISION
Skelly Oil Co., 4814 S. Richmond St.
CHICAGO

Fertilizer Data Given Wage Contracts Board

—Continued from page 5

two issues of the *Fertilizer Review* containing articles on phosphate.

Jacob Perlman, chief of the division of wage and hour statistics of the Bureau of Labor Statistics, presented the report on the industry and read into the record large sections of it together with explanations of the method of preparation and the conclusions, and also answered many questions from the board and other witnesses. He explained that the report did not include the Pacific Coast States, but that data from them had been obtained by mail and would be submitted to the board later. Since the report did not cover a number of States producing small quantities of fertilizer, the question was raised how to classify such States in case geographical wage differentials are set up, and it was agreed that supplemental information may be collected in case any difficulties arise over this point.

There was considerable discussion regarding different kinds of fertilizer products and classification of plants within the industry since at present the only fertilizer product being purchased by the Federal government in significant quantities is concentrated superphosphate.

Charles J. Brand, executive secretary of the National Fertilizer Association who led the discussion on behalf of the industry, pointed out that the production of concentrated superphosphate is actually a minor part of the whole fertilizer industry and that in many plants the workers shift from one job to another and are sometimes engaged in producing superphosphate and at other times are working on other products. He declared that in superphosphate production labor costs represent 18 percent of production cost while in mixed fertilizer plants labor is only 5 percent of the total cost. He also submitted statistics prepared by the Bureau of Labor Statistics demonstrating the seasonal nature of the industry and the effect of this on employment.

Two representatives of organized labor appeared, James Nelson, of the United Mine Workers of America, and Boris Shishkind, of the American Federation of Labor. Neither questioned the basic figures in the Bureau of Labor Statistics report, but they made minor criticisms of the method of presentation and of conclusions drawn and were given permission to submit supplemental data to be incorporated in the record at a later date.

Urea-gypsum will be produced by the Chosen Chemical Industrial Company, a plant for which will be completed this March, according to the office of the American commercial attache in Tokyo.

Fertilizer Materials

terest in Market Lagging—Blood, Bone, Cottonseed Hull Reduced —Fish Scrap Advanced—Congress Committee Urges Increased Production and Use of Phosphate

Little interest was displayed in the general market for raw fertilizer materials ring the course of last week. Sellers ported that activity was practically at standstill and the interest of buyers as apathetic. An advance in the price fish scrap in Baltimore, and reductons of blood, cottonseed hull, raw ne, and tankage were the sole items interest to be reported.

Although the market in Baltimore is a similar stagnant condition, interest d volume of sales in Atlanta were adually increasing. This might be nsidered the forerunner for the pe-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Fish scrap, ground, $2 to $3 per ton, f.o.b. Baltimore.

Reduced

Blood, dried, dom., 5c. per unit-ton, f.o.b. N. Y.
high-grade, ground, 20c. per unit-ton, f.o.b. Chicago.
import, 5c. per unit-ton, c.i.f. ports.
Bone, raw, dom., 50c. per ton, c.i.f. Atlantic ports.
Cottonseed hull, ash, 10c. per unit-ton.
Tankage, animal, dom., ground, 10c. per unit-ton.
high-grade, feeding, Chicago, 25c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

od of active operations that is exected by all producers to appear next onth.

Enlarged development of phosphate oduction in the United States coincient with efforts to expand usage of is type of fertilizer were urged last eek in a report submitted to Conss by a joint committee set up six onths ago to study this problem. The mmittee made six recommendations, e principal one involving projected pansion of the facilities of the ennessee Valley Authority, both in oduction at its own Muscle Shoals ant and experimental works in the estern areas.

The state-controlled Institute of Agricultural Credit in Chile will regulate e distribution of the entire production of guano, both red and white, for nsumption within that country, acrding to the Chilean Ministry of Agriture. This legislation becomes effece February 1 of this year.

A conference of executives of rail rriers operating in the southeastern rt of the United States with mems of the Executive Committee and ree representatives of the Traffic mmittee will be held at 10 a.m., ebruary 7, in the Carlton Hotel, Washgton, D. C.

Ammoniates

Activity in the market slackened mewhat last week due to lack of inrest on the part of the buyers and so to scarcity of certain materials. ery few stocks were in movement and a result reductions in the prices of rtain ammoniates followed. Prices of ied blood, raw bone, cottonseed hull d tankage were all lowered. The ice of fish scrap in Baltimore, which s very scarce, showed a substantial crease. A strengthening in the genal tone of the market was looked for the turn of the month.

Nitrate of Soda.—Little change was ported in the market last week. The ice remained firm at the quoted level hough producers reported they were countering few demands.

Sulphate of Ammonia.—The slackness the general fertilizer market was ted here also. Despite the falling off demand, however, the market held e firmer tone it had gained the preous week.

Dried Blood.—A downward revision of prices was the feature of the market here last week. The domestic material was lowered 5c. to a level of $3.30 per unit-ton, f.o.b., New York. The high-grade ground material was reduced 20c to $3.35 per unit-ton, f.o.b., Chicago. The imported material was lowered 5c. to $2.95 per unit-ton. A scarcity of the ammoniate was reported in all sections of the country.

Fish Scrap.—Demand for this material was very light, but due to scarcity of it on the market many sellers reported they were asking $52 to $55 per ton, f.o.b., Baltimore. Others were exhausted of their stock on hand.

Tankage.—Reduction in prices was also made for two grades of this ammoniate. The animal ground domestic prices was reduced 10c. to a level of $3.25 and 10c. per unit-ton. The high-grade feeding material was lowered 25c. to $3.75 and 10c. per unit-ton in Chicago.

Hoofmeal.—No change was reported in the market here, with the price continuing firm at $2.85 per unit-ton, f.o.b., Chicago.

Potashes

The market for agricultural potash salts was in a stagnant condition last week, with demands on sellers reported light. A reduction in the price of cottonseed hull ash was the sole feature. No great changes in the market were expected by producers until the middle of next month.

Cottonseed Hull.—The price of the ash type material was reduced 10c. to a new level of $1 per unit-ton. Little demand on the market was reported.

Phosphates

In line with the general trend the market for phosphate materials was sluggish last week, with reductions in the prices for certain grades of bone meal being the sole noteworthy items. Producers were hopeful that this sluggish condition would disappear at the turn of next month.

Imports of superphosphate into the United Kingdom declined steadily from 50,290 long tons in 1934 to 23,314 in 1937, according to latest available figures. Netherlands furnished 15,920 tons in 1937 and Belgium 6,815 tons. Meanwhile, Baia Mare, Roumania, announced that it has started manufacturing superphosphate. Important producers of phosphate rock in Tunisia have formed a company to conduct technical research on the enrichment of the Tunisian phosphate and on markets for its utilization. Tunisia is the world's chief exporter of phosphate rock, but the supplies are of a much lower grade than that obtained in Florida, Morocco and certain of the Pacific Islands. Production of phosphate rock in Tunisia during the first 10 months of 1938 totaled 1,722,575 metric tons compared with 1,431,800 tons during the corresponding period in 1937. Despite the increase in production, however, exports declined as a result of the reduced European demand from 1,513,700 tons in 1937 to 1,254,118 tons in 1938.

Bone Materials.—Domestic raw bone was reduced 50c per ton to a new level of $26, ci.f., Atlantic ports. The steamed bone meal at Chicago was softer last week with most sellers quoting a price of $25 per ton, compared with $25 to $26 the week before.

Phosphate Rock.—The market here continued firm and unchanged with most producers reporting that the demands on the market were exceedingly light.

Superphosphate.—Volume of trading was small although the price showed no change. A pickup in demand was expected next month.

Sulphur and Pyrites

The slackness noted two weeks ago continued through the last seven days. Movement of the materials was small although inquiries were a shade better. Investigation of the recovery in Australia of elemental sulphur from smelter and other gases has apparently brought the conclusion that the time was not opportune to undertake establishment of a plant.

Markets at Other Centers

Atlanta, Jan. 25.—No marked change in market conditions was reported. As the period for active operations approached the interest in purchases of fertilizer materials increased and sales were gradually increasing. The quotations on leading fertilizer materials of this market are as follows:—

SUPERPHOSPHATE.—$8 per ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $27 per ton.

SULPHATE OF AMMONIA.—$28 per ton, port and southern ovens.

COTTONSEED MEAL.—8 percent grade, $24 per ton, southeastern mills.

BLOOD.—$3.35 per unit, basis Chicago.

TANKAGE.—Foreign, $3.15 and 10 per unit, port basis.

NITROGENOUS.—Foreign, port basis, $2.50 per unit; domestic, $2.20 to $2.35.

Baltimore, Jan. 25.—The market for crude fertilizer materials remains stagnant, with the prices much the same as they have been. Buying is all but negligible. In the absence of real activity the figures mentioned are nominal.

MENHADEN MEAL.—Quoted at $52 to $55 per ton, f.o.b. Eastern seaboard, with Japanese sardine meal firm at $48.50 per ton, c.i.f., for spot and shipment. Some acid fish are being offered here at $2.75, but buying interest seems to be lacking.

TANKAGE.—Domestic stocks of this organic are held at $3.35 and 10c. per unit-ton for unground material. Ground fertilizer material is $3.25 and 10c. per unit-ton. The market is quiet.

BLOOD.—Last sales reported were negotiated at $3.30, with the market quiet and with buyers willing to pay $3.25 per unit-ton. South American stocks are held at $2.95, c.i.f., for shipment.

SUPERPHOSPHATE.—Absence of any change is noted in this product. Prices are held by producers at $7.50 per ton for run of pile and at $8 per ton for 16 percent milled and screened supplies.

NITROGENOUS MATERIAL.—Early forwarding from abroad are quoted at $2.30 per unit, c.i.f., for February-March shipment, with the trade as a whole uneventful.

GARBAGE TANKAGE.—The figures named in advance of the early business in this ammoniate hold at $8 per ton at shipping points, which is equal to about $11 to $11.50 per ton, basis Baltimore.

BONE.—The quotations on this ammoniate have not undergone any modification in the last week, and they have stood for some time now at $25 per ton for 3 and 50 ground steamed, and at $28 per ton for 4½ and 50 ground raw stocks.

Chicago, Jan. 25.—Moderate recessions have taken place in some divisions of the general fertilizer materials market here recently. Some interests apparently feel that further recessions are indicated. Trade has been along moderately substantial lines, with some materials coming out of their inventory period lethargy. Blood is in fair call. Tankage inquiry has been quite good. Bone materials are moving out well on orders.

BLOOD.—Principal grade, $3.35 to $3.50 per unit of ammonia.

TANKAGE.—High grade, feeding, $4 and 10c.; hoof meal, $2.80 to $2.90; liquid stick, $2.55 to $2.65.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $45; cattle jaws, skulls and knuckles, $22 to $23; beef cracklings, soft pressed, $40 to $42.50; pork cracklings, soft pressed, $47.50 to $52.50; hard pressed cracklings, per unit of protein, 75c. to 80c.

San Francisco, Jan. 24.—Fertilizer delivery movement is getting into full swing in California now and while no new business of importance is being booked in the direction of chemicals, at least the trade shows some activity. The organic market continues to hold fairly well and an active interest continues in animal products. Fish meal has been quiet. Large lots of sulphate of ammonia and other straight chemical products are moving towards the agricultural districts. Were it not for the poor crop prices last year, with the resultant tight credit situation, the trade would be inclined to absorb considerable new business right now.

Ruling prices are:

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton, ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is quoted on the basis of $39 per ton, f.o.b. cars, Monterey, and $40 per ton, f.o.b. cars, San Francisco Bay points.

TANKAGE.—Steady to stronger. Unground fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $3.15 and 10c. per unit-ton, f.o.b. cars, San Francisco. High grade quoted at $3.35 and 10c. per unit-ton. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, dry rendered, quoted at 65c. per unit of protein.

BLOOD MEAL. — Steady. Domestic blood meal is quoted on the basis of $2.80 per unit, f.o.b. cars San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Chemical Company for Bombay

A chemical company is shortly to be formed in Bombay under the management of Tata Sons, Ltd., according to the office of the American commercial attache in Bombay, India. The factory is to be located near Port Okha, in Baroda State. While the new company will start with the manufacture of alkalies, it contemplates gradual development of its activities with a view to embrace practically the whole field of heavy chemicals, fertilizers, and special chemicals for use in the pharmaceutical and photographic industries.

SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

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urrent prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ADIPIC-HEXYLESTERS—5 dms, E I du Pont de Nemours Co, Manhattan, Hamburg
CRESYLIC—58 dms, Monsanto Chem Co, American Shipper, Liverpool
2 dms, Crowley Tar Prod Co, Samaria, Liverpool
40 dms, 9 tons, 7 cwt, 3 qtrs, 12 lbs, Samaria, Liverpool
25 dms, 5 tons, 18 cwt, 1 lb, W E Jordan & Bros, Samaria, Liverpool
ADEPS LANAE—98 bbls, 10 tons, 13 cwt, 1 qtr, 11 lbs, C Tennant Sons & Co, Samaria, Liverpool
ALBUMEN, BLOOD — 20 bbls, Morningstar-Nicol, New York, Hamburg
VEGETABLE—1 cs, W A Foster & Co, New York, Hamburg
ALCOHOL—837 dms, Rosario, San Juan
ALOE—50 cs, Selma Mercantile Corp, Santa Paula, Curacao
ALUMINUM FOIL—75 cs, F P Gaskell & Co, New York, Bremen
74 cs, Rohner-Gehrig Co, Champlain, Havre
ANNATTO SEED—150 bgs, Andean Trading Co, Santa Lucia, Guayaquil
75 bgs, Barclay Bank, Veragua, Kingston
ANTIMONY—120 kegs, Emile Francqui, Antwerp
ARCHIL LIQUID—3 cks, 1 ton, 2 cwt, 2 qtrs, 5 lbs, A De Ronde & Co, Samaria, Liverpool
ARECANUTS—134 bgs, S B Penick & Co, City of Rayville, Colombo
125 bgs, Soekaboemi, Padang
ARROWROOT—1,800 bgs, Morningstar-Nicol, Gunvor, St Vincent
300 bgs, 400 bbls, Morningstar-Nicol, Nerissa, St Vincent
8 bbls, J P Smith & Co, American Banker, London
ARSENIC, WHITE—500 cs, H H Rosenthal Co, Yamabiko, Yokohama
ARTISTS' MATERIAL—2 cs, M Grumbacher, Tasmania, Yokohama
4 cs, Winsor & Newton, American Banker, London
ASPHALT—260 bgs, A V Berner & Co, Mexico, Havana
2,050 tons, 965 dms, Manaqui, Trinidad
1,040 cakes, New York, Bremen
BABASSU KERNELS — 19,664 bgs, General Food Corp, Bonheur, Mananhao
7,833 bgs, General Food Corp, Crispin, Parnahyba
6666 bgs, General Food Corp, Crispin, Maranhao
2,600 bgs, Bank of London-South America, Crispin, Maranhao
BALSAM—10 cs, Fritzsche Bros, Veragua, Cristobal
BARIUM HYDRATE—35 cks, 7 tons, 5 cwt, 1 qtr, 15 lbs, Samaria, Liverpool
BARYTES—100 bgs, Hensel Bruckmann & Lorbacher, New York, Bremen
LUMP—5 cars, United Color & Pigment Co, Seatrain Havana, Havana
2 cars, F E Schundler Co, Seatrain Havana, Havana
BAY RUM—81 dms, Bornn Distilling Co, Nerissa, St Thomas
BLEACHER'S TINT—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Samaria, Liverpool
BLOOD, DRIED—1,000 bgs, East Indian, Buenos Aires
BONE MEAL—52 bgs, New York, Hamburg
BRISTLES—2 cs, New York, Hamburg
55 cs, B C Ritchie & Co, Tasmania, Tientsin
28 cs, F H Cone & Co, Tasmania, Tientsin
1 cs, Public National Bank, City of Corinth, Calcutta
19 cs, F H Cone & Co, Yamabiko, Kobe
5 cs, F W Von Stade, Yamabiko, Kobe
11 cs, Iwai & Co, Yamabiko, Kobe
11 cs, Continental Bank & Trust Co, American Banker, London
5 cs, American Banker, London
12 cs, Ragnhild, London
BRONZE POWDER—3 cs, B F Drakenfeld & Co, New York, Bremen
CALCIUM NITRATE—650 bgs, Synthetic Nitrogen Prod Corp, Bergensfjord, Berlin
CANARY SEED—500 bgs, Wagner Bros Seed Corp, Argentina, Buenos Aires
CAPSICUM RESINOLEO—2 cs, A Schmidt & Co, American Traveler, Hamburg
10 cans, Fritzsche Bros, American Traveler, Hamburg
CARDAMOM—17 cs, P H Petry & Co, Iriona, Porto Barrios
50 cs, City of Corinth, Colombo
CASEIN—5 bgs, A Hurst & Co, Champlain, Havre
CASSIA—42 pkgs, Adrastus Padang
1,112 bls, Catz American Co, Soekaboemi, Padang
528 bls, B H Old & Co, Soekaboemi, Padang
BROKEN—150 bls, B H Old & Co, Adrastus, Hongkong
ROLLS—100 bls, L A Guido, Adrastus, Hongkong
75 bls, Wood & Selick, Adrastus, Hongkong
VERA—292 pkgs, J F Frank, Irisbank, Padang
CASTOR BEANS—1,591 bgs, Bonheur, Fortaleza
3,400 bgs, L Dreyfus & Co, Bonheur, Pernambuco
1,700 bgs, Baker Castor Oil Co, Crispin, Bahia
5,100 bgs, Crispin, Bahia
1,400 bgs, Baker Castor Oil Co, Crispin, Ceara
5,800 bgs, Crispin, Ceara
6,800 bgs, Spencer Kellogg & Sons, Rio Pardo, Bahia
3,400 bgs, Berkshire Chem Co, Rio Pardo, Bahia
1,700 bgs, Baker Castor Oil Co, Rio Pardo, Bahia
10,200 bgs, L Dreyfus & Co, Rio Pardo, Pernambuco
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Banker, London
CHAMOIS—5 cs, Chase National Bank, Manhattan, Havre
CHEMICALS—2,032 bgs, 1 kg, Advance Solvents & Chem Co, New York, Hamburg
100 cks, 5 bbls, 15 pkgs, 10 cs, New York, Hamburg
3 cs, Lo Curto & Funk, New York, Hamburg
10 cs, Wm Neuburg, New York, Hamburg
10 cs, New York, Bremen
60 cks, Advance Solvents & Chem Co, Bergensfjord, Menstad
100 bbls, Emile Francqui, Antwerp
8 pkgs, New York, Bremen
CHEMICALS—836 bgs, Rohner Gehrig Co, New York, Bremen
50 crbys, New York, Hamburg
1 ck, Geigy Co, Champlain, Havre
8 cs, Ciba Pharm Co, Champlain, Havre
2 cks, Ciba Co, Champlain, Havre
6 cks, Hoffmann La Roche, Champlain, Havre
3 cs, Gane & Ingram, Champlain, Havre
12 cs, G J Wallau, Champlain, Havre
10 cks, Champlain, Havre
1 dm, American Banker, London
4 cs, Yardley & Co, American Banker, London
1 cs, Heemsoth-Kerner Co, Manhattan, Hamburg
MANURE — 107 bgs, Garfield Williamson, American Banker, London
CHROME, METAL—50 dms, Driver Harris Co, American Shipper, Manchester
ORE—1 bg, W R Grace & Co, American Banker, London
CLAY—150 bgs, W Manley, Manhattan, Hamburg
COALTAR, INTERMEDIATES—11 cks, 4 cs, General Dyestuff Corp, New York, Hamburg
19 dms, 44 cks, 1 jug, General Dyestuff Corp, Zaandam, Rotterdam
COCOA BEANS—643 bgs, Meyer & Co, Gunvor, Trinidad
250 bgs, General Cocoa Co, Gunvor, Trinidad
250 bgs, Gunvor, Trinidad
220 bgs, South Amer Prod Co, Bonheur, Para
1,000 bgs, National City Bank, Bonheur, Bahia
1,000 bgs, Guaranty Trust Co, Bonheur, Bahia
3,000 bgs, Bonheur, Bahia
200 bgs, Struller & Wood, Santa Paula, Cape Haitien
125 bgs, Transmarine Merc Corp, Santa Paula, Cape Haitien
250 bgs, Barclay Bank, Northern Prince, Port Spain
250 bgs, Northern Prince, Port Spain
25 bgs, Mecke & Co, Amor, Maracaibo
85 bgs, Struller & Wood, Amor, Maracaibo
123 bgs, Schutte & Focke, Amor, Maracaibo
200 bgs, Amor, Maracaibo
500 bgs, Amor, Porto Cabello
1,636 bgs, Curacao Trading Co, Coamo, Trujillo
350 bgs, Buenaventura, S Amer Ports
100 bgs, Wood & Selick, Argentina, Port Spain
114 bgs, Abel, Lemon & Co, Argentina, Port Spain
13,500 bgs, Nieschlag & Co, Rio Pardo, Ilheos
5,000 bgs, Chase Natl Bank, Rio Pardo, Ilheos
2,000 bgs, Guaranty Trust Co, Rio Pardo, Ilheos
2,000 bgs, National City Bank, Rio Pardo, Bahia
2,000 bgs, General Cocoa Co, Rio Pardo, Bahia
2,000 bgs, Wessel, Kulenkampf & Co, Rio Pardo, Bahia
RESIDUE—700 bgs, Rio Pardo, Ilheos
COCONUTS—117 bgs, 151 half bgs, Universal Import & Export Co, Rosario, Mayaguez
200 half bgs, J Simon & Co, Rosario, San Juan
1,444 bgs, Rosario, San Juan
26 bgs, Simons French Co, Coamo, San Juan
15 bgs, Caribbean Trading Co, Coamo, San Juan
2,187 bgs, General Food Corp, Veragua, Kingston
CODLIVER OIL, STEARIN—300 bbls, Bergensfjord, Oslo
50 cks, Bergensfjord, Kr Sund
COLORS—3 cs, Davies, Turner & Co, New York, Hamburg
DRY—1 dm, E I Du Pont de Nemours Co, Manhattan, Hamburg
EARTH—1 cs, American Express Co, New York, Hamburg
PIGMENT—10 jugs, General Dyestuff Corp, Zaandam, Rotterdam
COTTON LINTERS—150 bls, Agwistar, Tampico
CRESOL—4 dms, Monsanto Chem Co, American Shipper, Liverpool
CUMARU CAKE—520 bgs, Bonheur, Fortaleza
CYANIDE PRECIP—24 cs, South American Development Co, Santa Lucia, Guayaquil
DICHLOROBENZALDEHYDE — 7 cks, Geigy Co, Champlain, Havre
DILLSEED—212 bgs, City of Corinth, Colombo
DOGWOOD BARK—42 bgs, Peek & Velsor, Veragua, Kingston
DRUGS, CRUDE—41 cs, Chase National Bank, American Banker, London
26 cs, American Banker, London
DYES—3 cks, Ozalid Corp, New York, Hamburg
ALIZARIN—7 cks, General Dyestuff Corp, New York, Hamburg
109 cks, 68 jugs, 5 dms, 10 cs, Zaandam, Rotterdam
ANILIN—28 cks, 3 cs, General Dyestuff Corp, New York, Hamburg
8 kegs, Ciba Co, American Shipper, Manchester
3 cks, Geigy Co, Samaria, Liverpool
10 dms, Ciba Co, Samaria, Liverpool
19 cks, Geigy Co, Champlain, Havre
86 cans, Ciba Co, Champlain, Havre
5 cks, 24 cyls, Sandoz Chem Works, Champlain, Havre
12 cans, 72 kegs, 1 cs, Carbic Color & Chem Co, Champlain, Havre
26 cks, Fulton Dye Import Co, Champlain, Havre
3 bbls, Siegle & Co, Manhattan, Hamburg
150 cks, 35 dms, 2 cs, General Dyestuff Corp, Zaandam, Rotterdam
FAT—15 bbls, Bergensfjord, Oslo
FENNEL SEED—100 bgs, City of Corinth, Calcutta
300 bgs, City of Corinth, Colombo
FERTILIZER — 120 bgs, Synthetic Nitrogen Prod Corp, New York, Hamburg
NITRATE PHOSPHATE—850 bgs, Synthetic Nitrogen Prod Corp, New York, Hamburg
FILTER PAPER—6 cs, H Reeve Angel & Co, American Banker, London
FISH LIVERS—6 bbls, 4 cs, E S Ullman Allied Co, Santa Lucia, Callao
FLAXSEED—1,040 tons, 41,600 bu, East Indian, Buenos Aires
550 bgs, 1,276 bu, East Indian, Buenos Aires
5,236 bgs, 11,519 bu, Bonheur, Buenos Aires
1,700,000 kilos, 68,000 bu, Benheur, Buenos Aires
FLAXSEED—476,000 kilos, 19,040 bu, Northern Prince, Buenos Aires
501 bgs, 1,102 bu, Northern Prince, Buenos Aires
500 tons, 20,000 bu, Bunge North American Grain Co, Northern Prince, Buenos Aires
962,000 kilos, 38,480 bu, Argentina, Buenos Aires
888 bgs, 1,953 bu, Argentina, Buenos Aires
FORMALDEHYDE-SODA HYDROSULPHITE —25 kgs, Philipp Bros, Samaria, Liverpool
GAMBIER—343 bgs, Hammond & Carpenter Corp, Irisbank, Singapore
350 bgs, Chase National Bank, Irisbank, Singapore
340 cs, American Dyewood Co, Irisbank, Belawan Deli
GELATIN—15 cs, Dingelstedt & Co, New York, Hamburg
1 cs, Rohner, Gehrig & Co, Champlain, Havre
100 bgs, L H Lang, D Gerber, Manhattan, Hamburg
GINGER ROOT—2 bgs, Ramirez Trading Co, Coamo, San Juan
31 bgs, McCormick & Co, Veragua, Kingston
29 bgs, Gillespie & Co, Veragua, Kingston
15 bgs, Veragua, Kingston
GLASS, DUST—9 cs, Heemsoth-Kerner Corp, Manhattan, Hamburg
PLATE—1 cs, Charles Happel, New York, Hamburg
5 cs, Charles Happel, American Traveler, Hamburg
21 cs, Globe Shipping Co, New York, Hamburg
SHEET—1,328 cs, Emile Francqui, Antwerp
WINDOW—4,680 cs, Emile Francqui, Antwerp
13 cs, S A Bendheim Co, American Traveler, Hamburg
274 cs, Vitrea Co, American Traveler, Hamburg
5 cs, Leo Popper & Son, New York, Hamburg
GLUE, FISH, LIQUID—25 cs, E T Sullebarger Co, American Shipper, Glasgow
GLUESTOCK—568 bgs, J J Murphy & Co, American Shipper, Liverpool
GRAPHITE—552 bgs, Irving Trust Co, City of Corinth, Colombo
276 bgs, Asbury Graphite Mills, Adrastus, Colombo
GREASE WOOL—30 dms, M I Malmstrom & Co, American Shipper, Liverpool
30 bbls, 6 tons, 9 cwt, 3 qtrs, 14 lbs, Hummel Chem Co, Samaria, Liverpool
6 dms, 1 ton, 3 cwt, 14 lbs, Samaria, Liverpool
17 cs, Innis, Speiden & Co, Manhattan, Hamburg
GUM—10 cs, R D Heins, City of Rayville, Aden
ARABIC—250 bgs, T M Duche & Sons, City of Corinth, Port Sudan
150 bgs, American Cyanamid & Chem Co, City of Corinth, Port Sudan
50 bgs, Orbis Product Corp, City of Corinth, Port Sudan
50 bgs, Thurston & Braidich, City of Corinth, Port Sudan
10 bgs, City of Corinth, Port Sudan
BENZOIN—100 cs, National City Bank, Soekaboemi, Sibolga
CHICLE—2,154 bls, Mexican Exploitation Co, Mexico, Vera Cruz
1,626 bls, Mexican Exploitation Co, Agwistar, Tampico
101 bls, M D Bromberg, Veragua, Kingston
⅝ 126 bls, Chicle Development Co, Veragua, Kingston
COPAL—20 bgs, O G Innes Corp, Emile Francqui, Antwerp
200 bgs, Stroock & Wittenberg, Emile Francqui, Antwerp
66 bskts, J Berlage Co, Adrastus, Macassar
DAMMAR—27 cs, Mitsui & Co, Adrastus, Batavia
70 bgs, Stroock & Wittenberg, Adrastus, Singapore
100 cs, Gillespie Rogers Pyatt Co, Adrastus, Singapore
400 pkgs, Thurston & Braidich, Irisbank, Batavia
210 bgs, O G Innes Corp, Soekaboemi, Singapore
KARAYA—450 bgs, Frank Vliet Co, City of Corinth, Colombo
33 bgs, Paul A Dunkel & Co, City of Corinth, Colombo
332 bgs, Innis, Speiden & Co, City of Corinth, Colombo
803 bgs, City of Corinth, Colombo
PENDARE—44 bgs, Chicle Development Co, Gunvor, Trinidad
GYPSUM—300 bgs, C B Chrystal & Co, New York, Bremen
HERBS, MEDICINAL—15 bgs, R D Heins, New York, Hamburg
HOPS—47 bls, Bode & Voight, New York, Hamburg
41 bls, S S Steiner & Co, Emile Francqui, Antwerp
10 bls, J Sonnenschein Hop Co, American Traveler, Hamburg
259 bls, R F Downing & Co, American Traveler, Hamburg
17 bls, Carl Ullmann & Co, American Traveler, Hamburg
46 bls, Atlantic Forwarding Co, Manhattan, Hamburg
156 bls, R F Downing & Co, Manhattan, Hamburg
51 bls, Manhattan, Hamburg
ILMENITE SAND—3,000 tons, City of Rayville, Colachel
IRISH MOSS—100 bls, S B Penick & Co, Champlain, Havre
40 bgs, Champlain, Havre
30 bls, R J Prentiss & Co, Champlain, Havre
85 bls, C H Reisig, Champlain, Havre
IRON ORE—7,193 tons, L J Buck, Strassa, Narvik
60 dms, 224 bgs, Reichard Coulston, American Shipper, Liverpool
OXIDE—40 cks, Reichard Coulston, New York, Hamburg
225 bgs, T H Deutz, New York, Bremen
10 cks, J A McNulty, American Shipper, Manchester
1 dm, Reichard Coulston, American Shipper, Liverpool
KYANITE—90 tons, City of Corinth, Calcutta
LECITHIN—5 bbls, P S Royals, New York, Hamburg
MACE—5 cs, I Harrison & Whitney, Gunvor, Grenada
5 cs, Royal Bank of Canada, Nerissa, Grenada
MAGNESIA, CALC—5 cs, Schofield-Donald Co, American Shipper, Liverpool
CARBONATE—115 cs, Schofield-Donald Co, American Shipper, Liverpool
HYDRATE — 10 cs, Schofield-Donald Co, American Shipper, Liverpool
MANGANESE—1 car, Fidelity Union Trust Co, Seatrain Havana, Havana
MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, American Banker, London
MENTHOL—25 cs, National City Bank, Yamabiko, Kobe
MICA—75 cs, F D Pitts, Northern Prince, Buenos Aires
BLOCK—75 cs, City of Corinth, Calcutta
DISCS—5 cs, City of Rayville, Calcutta
FILM—11 cs, City of Rayville, Calcutta
SCRAP—2 bgs, City of Corinth, Calcutta
SPLITTINGS—221 cs, General Electric Co, City of Corinth, Calcutta
MILLET SEED—200 bgs, Levy & Levis, American Traveler, Hamburg
56 bgs, Hinton & Co, Manhattan, Hamburg
MOLASSES—1,014 tons, W R Grace & Co, Santa Lucia, Salaverry
MYROBALANS—5,120 pkts, City of Rayville, Calcutta
2,400 bgs, City of Rayville, Bombay
NUTMEGS—200 bgs, Royal Bank of Canada, Nerissa, Grenada
398 bgs, Nerissa, Grenada
420 bgs, Adrastus, Padang
111 bgs, Soekaboemi, Padang
OCHER—200 bgs, Reichard-Coulston, American Shipper, Liverpool
OIL—2 cks, Fezandie & Sperrle, Champlain, Havre
50 cks, Champlain, Havre
ALMOND—16 cs, Ungerer & Co, Aquitania, Southampton
2 cs, Ragnhild, Antwerp
BAY—10 cs, Barclay Bros, Nerissa, Dominica
CANANGA—10 dms, Chase National Bank, Adrastus, Batavia
4 dms, Soekaboemi, Djambi
CASSIA—20 dms, Adrastus, Hongkong
CHINAWOOD—1,618 tons, Wah Chang Trading Corp, Irisbank, Hongkong
248 tons, Bank of California National Ass'n, Irisbank, Hongkong
CINNAMON LEAF—3 dms, J H Vavasseur & Co, City of Corinth, Colombo
29 dms, R C Treatt & Co, American Banker, London
CITRONELLA—33 dms, City of Corinth, Colombo
16 dms, A Maschmeyer, Adrastus, Batavia
10 dms, Geo Uhe Co, Adrastus, Batavia
8 dms, Dodge & Olcott Co, Adrastus, Batavia
8 dms, J F Frank, Adrastus, Batavia
8 dms, Balfour, Guthrie & Co, Adrastus, Batavia
116 dms, Soekaboemi, Batavia
16 dms, Adrastus, Batavia
COCONUT—1,090,106 lbs, Philippine Refining Co, Adrastus, Manila
COD—30 dms, New York, Hamburg
150 dms, Bergensfjord, Oslo
1 tin, Martin Dennis Co, Bergensfjord, Oslo
120 dms, H S Head, Bergensfjord, Oslo
100 dms, Atlas Refinery, Fort Amherst, St Johns
35 cks, Bowring & Co, Fort Amherst, St Johns
200 bbls, Chase Export Co, Fort Amherst, St Johns
CODLIVER—75 cs, Schieffelin & Co, Bergenfjord, Oslo
50 dms, Gunning & Gunning, Bergensfjord, Aalesund
75 dms, P R Dreyer, Bergensfjord, Aalesund
1,500 bbls, 3,815 dms, McKesson & Robbins, Bergensfjord, Aalesund
100 bbls, R J Prentiss & Co, Bergensfjord, Aalesund
150 dms, Gunning & Gunning, Bergensfjord, Aalesund
50 dms, Kachurin Drug Co, Bergensfjord, Aalesund
41 dms, H H Rosenthal & Co, Bergensfjord, Aalesund
1 cs, Bergensfjord, Bergen
162 dms, Gunning & Gunning, American Traveler, Hamburg
COTTONSEED—537 dms, Rio Pardo, Natal
ESSENTIAL—24 dms, Pastores, Barrios
1 cs, Aquitania, Southampton
2 cs, Aquitania, Havre
23 pkgs, Champlain, Havre
1 cs, American Banker, London
FISH LIVER—8 dms, Consumers Import Co, Yamabiko, Yokohama
FUEL—68,391 bbls, Asiatic Petroleum Corp, Sandefjord, Curacao
95,000 bbls, Standard Oil Co of N J, Ees Bolivar, Aruba
LIME—4 cs, Gunvor, Trinidad
8 cs, Gunvor, Grenada
1 cs, U S Export Prod Co, Nerissa, Antigua
17 dms, Fritzsche Bros, Argentina, Port Spain
LUBRICATING—35 dms, Emile Francqui Antwerp
MINERAL—200 dms, New York, Hamburg
25 dms, S Schwabacher & Co, New York Hamburg
MUSTARD SEED — 1 dm, Mitsui & Co, Yamabiko, Kobe
OITICICA—200 dms, Bonheur, Fortaleza
384 dms, Crispin, Ceara
1 pkg, Brazil Oiticica Co, Crispin, Ceara
10 cs, Brazil Oiticica Co, Argentina, Santos
PALM — 948 tons, Banque Belge pour l'Etranger, Adrastus, Belawan Deli
653 tons, Adrastus, Belawan Deli
125 tons, Irisbank, Belawan Deli
25 dms, Welch, Holme & Clark, Samarinda, Liverpool
983 tons, Van Leeuwen, Boomkamp & Co, Soekaboemi, Belawan Deli
PALMAROSA—5 pots, City of Corinth, Colombo
PEANUT—417 tons, Mitsubishi Shoji Kaisha, Yamabiko, Tsingtao
318 tons, Mitsui & Co, Yamabiko, Tsingtao
PETITGRAIN—50 cs, W R Grace & Co, Ea. Indian, Buenos Aires
PINENEEDLE — 11 dms, White Lead Baltic Co, American Banker, London
POPPYSEED—5 dms, Fezandie & Sperrle, Ragnhild, Antwerp
ORANGE PEEL—25 bgs, Transmarine Merc Corp, Santa Paula, Cape Taitien
PAPAIN—2 cs, Adrastus, Bangkok
28 cs, Irisbank, Colombo
13 half chests, S B Penick & Co, City of Rayville, Colombo
PAPRIKA—39 bgs, 15 cs, New York, Bremen
PEATMOSS—1,300 bls, New York, Hamburg
335 bls, Den Norske Credit Bank, Bergensfjord, Oslo
50 bls, C R Ruegger, American Traveler, Havre
1,000 bls, 100 half bgs, New York, Bremen
PEPPER, BLACK—1,050 bgs, Soekaboemi, Oosthaven
WHITE—172 bgs, Adrastus, Batavia
210 bgs, Adrastus, Singapore
PERFUMERY—3 dms, New York, Hamburg
PERU BALSAM—2 dms, W R Grace & Co, Santa Paula, Acajutla

TROLEUM, CRUDE—95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
104,802 bbls, Standard Oil Co of N J, Canalolite, Guiria
105,288 bbls, Gulf Oil Co, Gulfwing, Las Piedras
MENTO—200 bgs, McCormick & Co, Veragua, Kingston
50 bgs, Gillespie & Co, Veragua, Kingston
TASH, CHLORATE, POWD—750 dms, Uniform Chem Prod Co, Elin K, Hamburg
MURIATE—250 bgs, N V Potash Export Mij, Emile Francqui, Antwerp
XALATE—4 dms, Eugene Dietzgen, New York, Bremen
ULPHATE—200 bgs, N V Potash Export Mij, Elin K, Hamburg
EBRACHO EXTRACT—988 bgs, Tannin Corp, Northern Prince, Buenos Aires
1,000 bgs, International Product Corp, Northern Prince, Buenos Aires
ICKSILVER—30 flasks, Chase Natl Bank, Mexico, Vera Cruz
25 flasks, Chase Natl Bank, Agwistar, Tampico
APESEED—228 bgs, Northern Prince, Buenos Aires
CE FLOUR—100 bgs, Manhattan, Hamburg
GO FLOUR—4,800 bgs, Irisbank, Singapore
RSAPARILLA ROOT — 13 bls, Agwistar, Tampico
NNA LEAVES—50 bls, S B Penick & Co, City of Corinth, Colombo
SAME SEED—591 bgs, City of Corinth, Colombo
HELLAC—400 bgs, Ralli Bros, City of Corinth, Calcutta
100 bgs, E E Androvette, City of Corinth, Calcutta
550 bgs, Ralli Bros, City of Rayville, Calcutta
225 bgs, Philadelphia National Bank, City of Rayville, Calcutta
300 cs, Gillespie-Rogers-Pyatt Co, City of Rayville, Calcutta
100 bgs, 100 chts, City of Rayville, Calcutta
SEEDLAC—600 bgs, Ralli Bros, City of Corinth, Calcutta
200 bgs, Guaranty Trust Co, City of Corinth, Calcutta
500 bgs, Bank of London-South America, City of Corinth, Calcutta
500 bgs, Ralli Bros, City of Rayville, Calcutta
200 bgs, Guaranty Trust Co, City of Rayville, Calcutta
400 bgs, City of Rayville, Calcutta
LICON CARBIDE—1 bbl, Philip Bros, Bergensfjord, Notodden
230 cks, D C Andrew & Co, Bergensfjord, Eydehavn
LVER SULPHIDES—63 bgs, Santa Lucia, Antofagasta
OAP—5 cs, Titan Shipping Co, American Banker, London
BASE—96 cs, Yardley & Co, American Banker, London
SADDLE—10 cs, Service Legging Co, American Banker, London
SHAVING BASE — 66 cs, Yardley & Co, American Banker, London
STEARIC ACID—5 cs, Yardley & Co, American Banker, London
OAP BARK—192 bls, W R Grace & Co, Santa Lucia, Antonia
DA, HYDROSULPHITE — 25 kgs, Philipp Bros, Samaria, Liverpool
PONGES—26 bls, American Sponge & Chamois Co, Munargo, Nassau
26 bls, Munargo, Nassau
50 bls, Munargo, Havana
3 bls, A Bloch & Son, Veragua, Kingston
METALLIC—6 bls, Goudrand Shipping Co, American Traveler, Havre
REFUSE—13 bls, Roden Sponge & Chamois Co, Munargo, Nassau
8 bls, Royal Bank of Canada, Munargo, Nassau
10 bls, Munargo, Nassau
TARCH, RICE—25 bbls, Habicht, Braun & Co, New York, Bremen
ALC—648 bgs, City of Corinth, Calcutta
500 bgs, C B Chrystal & Co, Yamabiko, Kobe
ANKAGE—2,540 bgs, City Bank of N Y, Wiegand, Montevideo
989 bgs, Wilson & Co, Wiegand, Buenos Aires
6,032 bgs, Wiegand, Buenos Aires
APIOCA FLAKE—743 bgs, Stein, Hall & Co, Soekaboemi, Sourabaya
FLOUR—250 bgs, Balfour, Guthrie & Co, Adrastus, Cheribon
4,371 bgs, Stein, Hall & Co, Adrastus, Sourabaya
2,204 bgs, H P Winter & Co, Adrastus, Cheribon
250 bgs, Balfour, Guthrie & Co, Adrastus, Cheribon
781 bgs, Stein, Hall & Co, Adrastus, Cheribon
1 cs, Rutger, Bleecker & Co, Adrastus, Batavia
250 bgs, Adrastus, Batavia
502 bgs, Rutger, Bleecker & Co, Adrastus, Batavia
250 bgs, National Adhesive Corp, Adrastus, Batavia
560 bgs, American Cyanamid & Chem Co, Adrastus, Batavia
2,630 bgs, Stein, Hall & Co, Adrastus, Batavia
1,330 bgs, H P Winter & Co, Adrastus, Batavia
505 bgs, Adrastus, Batavia
280 bgs, Seligman & Co, Irisbank, Pasoeroean
500 bgs, Bank of New York, Irisbank, Cheribon
542 bgs, Chase Natl Bank, Irisbank, Cheribon
2,510 bgs, Guaranty Trust Co, Irisbank, Cheribon
1,250 bgs, Irisbank, Cheribon
3,700 bgs, Guaranty Trust Co, Irisbank, Batavia
500 bgs, Guaranty Trust Co, Irisbank, Tegal
596 bgs, Irisbank, Cheribon
3,559 bgs, Stein, Hall & Co, Soekaboemi, Sourabaya
1,836 bgs, Soekaboemi, Cheribon
1,257 bgs, Stein, Hall & Co, Soekaboemi, Djambi
500 bgs, Soekaboemi, Djambi
8,574 bgs, Soekaboemi, Tjilatjap
1,091 bgs, Stein, Hall & Co, Adrastus, Cheribon
500 bgs, Adrastus, Cheribon
SEED—133 bgs, Stein, Hall & Co, Soekaboemi, Sourabaya
SIFTINGS—120 bgs, Irisbank, Cheribon
582 bgs, Stein, Hall & Co, Soekaboemi, Sourabaya
ARTAR—123 bgs, Banco De Chile, Santa Lucia, Antonio
EAWASTE—2,500 bgs, Citro Chem Co, City of Corinth, Calcutta
1,540 bgs, Maywood Chem Works, City of Corinth, Calcutta
OILET PREPS—10 cs, C L Huisking & Co, Managui, Georgetown
OLU BALSAM—25 cs, Wessel, Duval & Co, Veragua, Puerto Colombia
ONKA BEANS—1 ck, Argentina, Port Spain
UBA ROOT—48 bls, Guaranty Trust Co, Irisbank, Singapore
20 bls, Irisbank, Singapore
UMBER—25 cs, 3 tons, 18 cwt, 2 qtrs, 8 lbs, Whittaker, Clark & Daniels, Samaria, Liverpool
VANADIUM—7,547 bgs, Vanadium Corp, Santa Lucia, Callao
VANILLA BEANS—11 cs, Champlain, Havre
WATER, MINERAL—30 cs, H S Dorf, Champlain, Havre
180 cs, American Banker, London
WAX—10 bgs, American Banker, London
BEES—9 bgs, D Steengrafe, Rosario, San Juan
27 bgs, D Steengrafe, Talamanca, Havana
28 bgs, Iriona, Havana
80 bgs, Strahl & Pitsch, Northern Prince, Santos
160 bgs, Van Oppen & Co, Northern Prince, Santos
6 bgs, Coamo, Trujillo
80 bgs, Argentina, Santos
BLACK—1 bg, New York, Hamburg
CANDELILLA—191 bgs, M Argueso & Co, Agwistar, Tampico
CARNAUBA—112 bgs, Strohmeyer & Arpe Co, Bonheur, Fortaleza
122 bgs, Bonheur, Fortaleza
38 bgs, Bank of London-South America, Crispin, Parnahyba
243 bgs, S C Johnson & Son, Crispin, Parnahyba
97 bgs, Crispin, Parnahyba
72 bgs, Bank of London-South America, Rio Pardo, Bahia
72 bgs, Wm M Allison & Co, Crispin, Bahia
72 bgs, Smith & Nichols, Crispin, Bahia
90 bgs, J H Schroeder Banking Corp, Bonheur, Fortaleza
55 bgs, Wessel, Duval & Co, Bonheur, Fortaleza
112 bgs, Innis, Speiden & Co, Bonheur, Fortaleza
56 bgs, W R Grace & Co, Bonheur, Fortaleza
23 bgs, Lenape Trading Co, Bonheur, Fortaleza
112 bgs, Wm M Allison & Co, Bonheur, Fortaleza
55 bgs, Guaranty Trust Co, Bonheur, Fortaleza
336 bgs, Lenape Trading Co, Crispin, Areia
21 bgs, Smith & Nichols, Crispin, Areia
63 bgs, Strahl & Pitsch, Crispin, Parnahyba
125 bgs, Innis, Speiden & Co, Crispin, Parnahyba
125 bgs, Innis, Speiden & Co, Crispin, Parnahyba
20 bgs, Lenape Trading Co, Crispin, Aracaty
112 bgs, Strahl & Pitsch, Crispin, Ceara
112 bgs, American Cyanamid & Chem Co, Crispin, Ceara
92 bgs, Lenape Trading Co, Crispin, Ceara
56 bgs, Innis, Speiden & Co, Crispin, Ceara
298 bgs, W M Allison & Co, Crispin, Parnahyba
508 bgs, Strohmeyer & Arpe Co, Crispin, Parnahyba
CERESIN—160 bgs, Asiatic Petroleum Corp, Adrastus, Sourabaya
MONTAN—850 bgs, Strohmeyer & Arpe Co, New York, Hamburg
467 bgs, Innis, Speiden & Co, American Traveler, Hamburg
UCUHUBA—2 cs, I Herman, Crispin, Para
VEGETABLE—100 cs, H H Rosenthal Co, Yamabiko, Kobe
WHITING—2,010 bgs, Emile Francqui, Antwerp
ZINC OXIDE—100 bbls, Innis, Speiden & Co, Emile Francqui, Antwerp
100 dms, 5 tons, 7 cwt, 16 lbs, New York Quinine & Chem Works, Samaria, Liverpool
5 bgs, Yardley & Co, American Banker, London

New York Transit Imports

FILTER PAPER—1 cs, Fisher Scientific Co, Manhattan, Hamburg, Pittsburgh
MENTHOL — 90 cs, McKesson & Robbins, Yamabiko, Kobe, Bridgeport
OIL, CODLIVER—25 dms, B & O R R Bergensfjord, Aalesund, Detroit
100 dms, Silmo Chem Corp, Fort Amherst, Halifax, Vineland, N J
PAPRIKA—25 bgs, Sprague, Warner & Co, American Traveler, Hamburg, Chicago
75 bgs, W L Newberry, New York, Bremen, St Louis
14 bgs, New York, Bremen, Chicago
SOAP, TOILET—20 cs, Globe Shipping Co, Samaria, Liverpool, Washington
SPONGES—5 bls, Mexico, Havana, Santos
6 bls, Munargo, Nassau, Paris
11 bls, Munargo, Nassau, Rotterdam
5 bls, Munargo, Nassau, Kobe
2 bls, Oriente, Havana, Buenos Aires
10 bls, Oriente, Havana, Paris
REFUSE—4 bls, Munargo, Nassau, Paris
8 bls, Munargo, Nassau, Rotterdam
18 bls, Munargo, Nassau, Kobe
6 bls, Munargo, Nassau, Melbourne
VANILLA BEANS—57 cs, M Cortizas & Co, Mexico, Vera Cruz, Philadelphia

Baltimore Imports

AMMONIA, PHOSPHATE—508 bgs, Black Heron, Antwerp
BONE FLOUR—1,104 bgs, Capillo, Hamburg
MEAL—1,103 bgs, Vincent, Hamburg
CALCIUM, SILICIDE — 284 bbls, Tugela, Sauda
CHEMICALS—18 cs, Capillo, Bremen
24 bgs, Vincent, London
FERROMANGANESE — 1,364 bbls, Tugela, Sauda
725 tons, Tugela, Sauda
20 tons, Scanyork, Gdynia
FISH MEAL—1,895 bgs, Astri, Buenos Aires
IRON ORE—3,503 tons, Bethlehem Steel Co, Ward, Whyalla
3,504 tons, Bethlehem Steel Co, Port Halifax, Whyalla
9,067 tons, Leo J Buck, Pajala, Narvik
MANGANESE ORE—7,400 tons, Leontios Teryzos, Poti
MEAKIN MEAL—16,000 bgs, Nagara, Seisin
MOLASSES—614,870 gls, Commercial Molasses Corp, Castana, Caibarien
OIL, COD—132 dms, Capillo, Hamburg
100 bbls, Vincent, Hull
FUEL—40,000 bbls, Standard Oil Co N J, Leda, Aruba
LUBRICATING—100 dms, Black Heron, Antwerp
VEGETABLE—100 dms, Beemsterdijk, Rotterdam
PEATMOSS—3,050 bls, Capillo, Bremen
400 bls, Beemsterdijk, Rotterdam
1,450 bls, Capillo, Hamburg
2,000 bls, Vincent, Hamburg
PYRETHRUM FLOWERS—100 bls, City of New York, Mombasa
SARDINE MEAL—5,000 bgs, Nagara, Seisin
2,000 bgs, Nagara, Kobe
900 bgs, Nagara, Yokohama
SODA SILICOFLUORIDE—400 bgs, Vincent, Hamburg
TANKAGE—2,535 cakes, 4,026 bgs, Astri, Buenos Aires
TUBA ROOT—96 bls, Tabinta, Singapore
WATTLE BARK—1,895 bgs, Tannin Corp, City of New York, Durban
ZIRCONIUM ALLOY — 380 bbls, Tugela, Sauda

Boston Imports

ACID, CRESYLIC—1 bx, Lever Bros, Newfoundland, Liverpool
20 dms, American Shipper, Manchester
ALUM—150 csks, American Shipper, Manchester
BLUE, ULTRAMARINE—4 cs, S S Pierce Co, Newfoundland, Liverpool
BONE ASH—1 kg, American Express Co, Newfoundland, Liverpool
CASSIA—216 bls, Soekaboemi, Batavia
COALTAR DISTILLATE—113 dms, American Shipper, Liverpool
COCONUT, DESIC—150 cs, Arimasan, Manila
COLOR, DRY—3 cs, American Express Co, Newfoundland, Liverpool
1 cs, Croxall Chemical & Supply Co, American Shipper, Liverpool
EMERY FILLET—1 cs, American Express Co, Newfoundland, Liverpool
1 cs, Atkinson-Haserick Co, American Shipper, Liverpool
FISH LIVERS—2 dms, Newfoundland Industries, Newfoundland, Halifax
GLUE, FISH — 32 bbls, Nicholson & Co, Newfoundland, Halifax
MARINE, PITCH—5 crts, L W Ferdinand & Co, American Banker, London
GLUESTOCK, FISH—2 bbls, Reba Fisheries, Yarmouth, Yarmouth
20 cs, J A Rich Co, Yarmouth, Yarmouth
1 bbl, Jones Seafood Mkt, Yarmouth, Yarmouth
10 bxs, J R Poole, Yarmouth, Yarmouth
8 bgs, Rogers Isinglass & Glue Co, Newfoundland, Halifax
HIDE — 114 bgs, First National Bank, Newfoundland, Liverpool
136 bgs, T D Downing Co, Newfoundland, Liverpool
138 bgs, American Express Co, American Shipper, Liverpool
66 bgs, First National Bank, American Shipper, Liverpool
GREASE, WOOL—120 bbls, 26 tons, 7 cwt, 23 lbs, F W Damon, Newfoundland, Liverpool
GUM, COPAL—55 bskts, Gillespie-Rogers-Pyatt Co, Cingalese Prince, Macassar
INDUSTRIAL—75 cks, 25 bgs, J P Marston Co, American Shipper, Liverpool
IRON, OXIDE—230 bgs, 10 dms, 7 tons, 5 cwt, 2 qtrs, 4 lbs, Reichard-Coulston, Newfoundland, Liverpool
MAGNESIA, CARBONATE—224 bgs, 5 tons, 3 cwt, 2 qtrs, Schofield-Donald Co, Newfoundland, Liverpool
224 bgs, Schofield-Donald Co, American Shipper, Liverpool
MEDICINAL PREPS—10 cs, United Drug Co, Newfoundland, Liverpool
MICA SPLITTINGS—25 cs, City of Corinth, Calcutta
MYROBALANS EXTRACT—100 bgs, American Shipper, Liverpool
NUTMEGS—34 bgs, Adrastus, Belawan Deli
OIL, COCONUT — 474 tons, First National Bank, Cingalese Prince, Manila
COD—200 cks, White & Hodges, Newfoundland, St John's, N F
50 dms, F W Damon, Newfoundland, St John's, N F
50 cks, Bowring & Co, Newfoundland, St John's, N F
PALM—385 tons, Von Leeuwen Boomkamp & Co, Adrastus, Belawan Deli
PRINTING—2 dms, American Express Co, Newfoundland, Liverpool
SOD—20 cks, American Express Co, American Shipper, Liverpool
SPERM—1 bx, 45 bbls, 35 dms, American Shipper, Glasgow
PEPPER, BLACK—450 bgs, Soekaboemi, Oosthaven
RAPESEED — 8 bgs, American Express Co, American Shipper, Liverpool
SAGO FLOUR—146 bgs, 22,390 lbs, Adrastus, Singapore
750 bgs, Industrial Trust Co, Adrastus, Singapore
380 bgs, Irisbank, Singapore
SENNA LEAVES—26 bls, City of Corinth, Colombo
SESAME SEED—124 bgs, City of Corinth, Colombo
SHELLAC — 100 bgs, First National Bank, City of Corinth, Calcutta
SEEDLAC — 400 bgs, Philadelphia National Bank, City of Corinth, Calcutta
SOAP, TOILET—1 cs, American Express Co, Newfoundland, Liverpool
SODA, BISULPHITE—75 dms, 36,541 lbs, Irving M Sobin Co, Collamer, Dunkirk
HYDROSULPHATE—50 kgs, Phillip Bros, American Shipper, Liverpool
HYDROSULPHITE—20 kgs, 1 ton, 2 cwts, 16 lbs, Lever Bros, Newfoundland, Liverpool
SPONGES—5 bls, Diemont Levy Co, American Banker, London
TANKAGE—985 bgs, 99,939 lbs, Wilson & Co, Wiegand, Buenos Aires
TAPIOCA FLAKE SIFTINGS—143 bgs, National City Bank, Soekaboemi, Batavia
FLOUR—250 bgs, Stein, Hall & Co, Adrastus, Cheribon
250 bgs, Adrastus, Cheribon
500 bgs, Chase National Bank, Adrastus, Batavia
1,103 bgs, Minute Tapioca Co, Irisbank, Pasoeroean
254 bgs, Guaranty Trust Co, Irisbank, Cheribon
751 bgs, Irisbank, Cheribon
505 bgs, Guaranty Trust Co, Irisbank, Batavia
500 bgs, Industrial Trust Co, Soekaboemi, Batavia
1,070 bgs, Balfour, Guthrie & Co, Cingalese Prince, Pamanoekan
2,000 bgs, Stein, Hall & Co, Cingalese Prince, Batavia

Boston Transit Imports

ISINGLASS—5 cs, Reichel Korfmann Co, American Banker, London, for Milwaukee
TAPIOCA DEXTRIN—10 bgs, Davies Turner Co, American Banker, Londor for Nassua, N H
10 bgs, Davies Turner Co, American Banker, London for Chicago, Illinois

Gloucester Imports

GLUESTOCK, FISH—354 bgs, 29,500 lbs, from Nova Scotia
52,195 lbs, Rogers Isinglass & Glue Co, Southwind, Halifax
OIL, COD—5 bbls, F E Davis Fisheries, Tagati, Freeport, N S
CODLIVER—94 bbls, 10 dms, 3,350 gls, from Nova Scotia
FISH—12 dms, Davis Bros, Fisheries, Southwind, Halifax

Houston Imports

BONES, GRAN—5,153 bgs, Delalba, Buenos Aires
BONE, MEAL—1,680 sx, Laura C, Fiume
MUSTARD DROSS—360 bgs, Gand, Antwerp
PEATMOSS — 2,825 bls, Mathias Stinnes, Bremen
PEPPER—516 bgs, El Oriente, New York
SHEEP DIP—3 cs, West Chatala, Liverpool

Los Angeles Imports

AGAR AGAR—300 lbs, Tatuta, Kobe
ANTIMONY ORE—85,000 lbs, from Mexico
CALCIUM NITRATE—31,435 bgs, 4,939,200 lbs, Laurits Swenson, Oslo
CARDAMOM SEED—750 lbs, President Coolidge, Colombo
CHEMICAL COMP—710 lbs, Komaki, Yokohama
CINNAMON—25 bls, 2,500 lbs, President Coolidge, Colombo
COCONUT DESIC—550 cs, 67,380 lbs, Tai Yang, Manila
192 cs, 27,790 lbs, Tai Yang, Zamboanga
COPRA—2,464,000 lbs, Aratama, Phil Islands
1,344,000 lbs, Aratama, Cebu
MEAL—8,880 bgs, 888,000 lbs, Aratama, Manila
6,000 bgs, 600,000 lbs, Monsuco, Manila
26,880 bgs, 2,688,000 lbs, Besholt, Manila
1,120,000 lbs, Besholt, Phil Islands
DRUGS, ADVANCE—569 cs, 62,730 lbs, Hardanger, Para
FISH LIVERS, FROZEN—120 tins, Nozima, Yokohama
GINGER ROOT, CRUDE—1,000 lbs, President Coolidge, Hongkong
GLASS, ROLLED—17 cs, 6,780 lbs, Portland, Breslau
SHEET—46 cs, 14,490 lbs, San Jose, Brussels
MINERALS, CRUDE—2,600 lbs, Santos, Rio de Janeiro
MUSTARD, PREPARED—10 lbs, Lochavon, London
OIL, CAMPHOR—1,000 lbs, Arimasan, Kobe
COCONUT—1,100,890 lbs, Havelland, Manila
CODLIVER—35 dms, 9,450 lbs, Laurits Swenson, Bergen
NUT—1,040 dms, 662,590 lbs, Leme, Paris
PEANUT—60 cs, 4,400 lbs, President Coolidge, Hongkong
RICE BRAN—322,030 lbs, Tatuta, Osaka
SHARK LIVER—24 pkgs, 5,190 lbs, Colima, Mazatlan
PAPRIKA—50 pkgs, 5,500 lbs, from Budapest
PEANUT MEAL—700 bgs, 70,000 lbs, Morviken, Tsingtao
PEPPER, WHITE—86 bgs, 11,700 lbs, Hoegh Silverstar, Batavia
PERFUMERY—20 lbs, Lochavon, London
RESIN VINYL—1,000 lbs, from Montreal
SESAME SEED—50 bgs, 10,000 lbs, President Coolidge, Hongkong
SOAP, TOILET—30 lbs, Morviken, Yokohama
WAX, CARNAUBA—40 bgs, 7,940 lbs, Santos, Fortaleza
34 bgs, 6,750 lbs, Santos, Ceara
VEGETABLE — 67 bgs, 3,300 lbs, Santos, Ceara

Mobile Imports

SODA NITRATE—6,300 tons, Grayburn, Tocopilla

New Orleans Imports

BAUXITE ORE—2,620 tons, Aluminum Ore Co, Lindvangen, Paramaribo
410 tons, Aluminum Ore Co, Lindvangen, Port of Spain
2,728 tons, Aluminum Ore Co, Heroy, Paramaribo
1,970 tons, Aluminum Ore Co, Heroy, Port of Spain
COCOA BEANS—400 sks, D Chirardelli Co, Santa Marta, Bocas del Toro
COCONUTS—300 sks, Standard Fruit & S S Co, Contessa, Celba
GLASS, WINDOW—265 cs, Burgerdyk, Antwerp
GUM, CHICLE—382 bls, Wrigley Import Co, Ulua, Puerto Barrios
OIL, CODLIVER—75 cks, Burgerdijk, Rotterdam
LUBRICATING—70 dms, Burgerdijk, Antwerp
PALM—1,191 tons, Siantar, Belawan Deli
PEATMOSS — 7,685 bls, Premier Peat Moss Corp, Burgerdijk, Rotterdam
225 bls, Mariner Midland Trust Co, Burgerdijk, Rotterdam
600 bls, Peoples National Bank, Burgerdijk, Rotterdam
POTASH, CHLORATE—350 dms, Burgerdijk, Antwerp
SODA, NITRATE—6,000 tons, Guaranty Trust Co, Minerva, Tocopilla
TAPIOCA FLOUR—746 sks, Guaranty Trust Co, Siantar, Batavia
1,020 sks, H Winter & Co, Siantar, Batavia
500 sks, Guaranty Trust Co, Siantar, Cheribon

Norfolk Imports

AMMONIA, PHOSPHATE—508 bgs, 49 tons, National City Bank of N Y, Ashcraft-Wilkinson Co, Atlanta, Ga, Black Falcon, Antwerp
508 bgs, 49 tons, Ashcraft-Wilkinson Co, Black Falcon, Antwerp
BLOOD, DRIED—1,923 bgs, 89 tons, Argentino, Santos
2,132 bgs, 97 tons, Argentino, Buenos Aires
3,647 bgs, 172 tons, Jos C Jett, Argentino, Buenos Aires
BONE PHOSPHATE—1,146 bgs, 102 tons, Ashcraft-Wilkinson Co, Black Falcon, Rotterdam
BONES—1,356 bgs, 64 tons, Argentino, Santos
2,011 bgs, 103 tons, Argentino, Santos
2,221 bgs, 85 tons, Bank of Buchannan, Va, Argentino, Buenos Aires
DEXTRIN—50 bgs, Nat American Cyanamid & Chem Co, N Y, Blommersdijk, Rotterdam
HOOFMEAL—586 bgs, 28 tons, Argentino, Buenos Aires
SAGO FLOUR—1,468 bgs, Guaranty Trust Co, N Y, Thurland Castle, Singapore
TANKAGE, GROUND—2,055 bgs, 99 tons, Argentino, Buenos Aires
RENDERED—1,089 bgs, 48 tons, Jos C Jett, Argentino, Buenos Aires

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TAPIOCA FLOUR—2,245 bgs, H P Winter & Co, Siantar, Batavia
2,750 bgs, Guaranty Trust Co, N Y, Siantar, Batavia
3,505 bgs, Guaranty Trust Co, N Y, Siantar, Cheribon
250 bgs, Chase National Bank, Kota Radja, Batavia
280 bgs, Thurland Castle, Pasoeroean
250 bgs, Kota Radja, Cheribon

Philadelphia Imports

ACID, CRESYLIC—118 dms, Wm J Jordan & Bros, Co, Capulin, Liverpool
50 dms, Manchester Producer, Manchester
350 dms, John H Faunce, Manchester Producer, Manchester
BLOOD, DRIED—1,016 bgs, National City Bank, Norbryn, Montevideo
1,000 bgs, Mormacrey, Buenos Aires
BONE MEAL—1,103 bgs, Vincent, Hamburg
CALCIUM, NITRATE—694,000 kilos, Synthetic Nitrogen Products Corp, Topeka, Heroen
SILICIDE—187 bbls, Philadelphia National Bank, Tuhela, Hurum
CANARY SEED—3,273 bgs, Astri, Buenos Aires
382 bgs, C Clausen & Co, Astri, Buenos Aires
CHEMICALS—667 dms, Pennsylvania Salt Mfg Co, Wasgenwald, Hamburg
CHINA CLAY—3,156 bgs, 366 tons, John W Higman Co, New York City, Fowey
119 bgs, 996 tons, 8 cwts, Paper Makers Importing Co, New York City, Fowey
CLAY, BALL—6 bgs, John W Higman Co, New York City, Fowey
62 tons, 6 cwts, Paper Makers Importing Co, New York City, Fowey
BLUE—130 tons, United Clay Mines Co, New York City, Bristol
BOND—20,000 kilos, Vincent, Hamburg
DUST—50 bgs, United Clay Mines Corp, New York City, Bristol
FIRE—150,000 kilos, Vincent, Hamburg
COCONUTS—70 bgs, Simon & French Co, Barbara, San Juan
200 bgs, Starr Produce Co, Barbara, San Juan
150 bgs, Universal Import & Export Co, Barbara, Mayaguez
CORK, WASTE—1,218 bls, Cypria, Lisbon
979 bls, Chase National Bank, Cypria, Bona
WOOD—2,010 bls, Armstrong Cork Co, Exmoor, Seville
FERROMANGANESE—101,600 kilos, Scanyork, Gdynia
FISH MEAL—1,189 bgs, 1,203 cakes, Argentino, Buenos Aires
FULLER'S EARTH—100 bgs, L A Salomon & Bro, Vincent, London
GLASS, SHEET—4 bxs, Arthur H Thomas Co, Capulin, Liverpool
GLYCERIN—64 dms, Norbryn, Buenos Aires
49 dms, Mormacrey, Buenos Aires
MOLASSES—1,009,484 gls, Carrabulle, Manati
333,949 gls, Carrabulle, Puerto Tarafa
MUSTARD SEED—164 bgs, R T French Co, Capulin, Manchester
OCHER—250 bgs, Cypria, Marseilles
OIL, CODLIVER—100 dms, Pratt Fild Co, Tugela, Aalesund
100 dms, Sharp & Dohme, Tugela, Bergen
90 bbls, Philadelphia Wholesale Drug Co, Tugela, Bergen
100 dms, Scanyork, Copenhagen
100 bbls, 40 dms, Vincent, Hamburg
100 dms, Consumers Import Co, Vincent, Hull
CORN—30 dms, Capulin, Belfast
OLIVE—250 cs, Ferngien, Leghorn
50 cs, Ferngien, Genoa
OXIDE, RED—406 bbls, F B Vandegrift & Co, Exmoor, Malaga
PEATMOSS—1,640 bls, Wasgenwald, Bremen
PETROLEUM, CRUDE—112,299 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POLISH, LIQUID METAL—45 cs, R T French Co, Vincent, Hull
POTASH, SULPHATE—1,300 bgs, N V Potash Export My, Vincent, Hamburg
QUEBRACHO EXTRACT—19,230 bgs, Tannin Corp, Mormacrey, Santos
RAPESEED—100 bgs, Lucia C, Fiume
SODA SILICOFLUORIDE—700 bgs, Harshaw Chemical Co, Scanyork, Copenhagen
STRONTIUM—54 tons, New York City, Bristol
SUMAC LEAVES—200 bls, Lucia C, Palermo
TANKAGE—1,088 bgs, National City Bank, Norbryn, Buenos Aires
2,032 bgs, Mormacrey, Santos
1,024 bgs, 1,958 cakes, Astri, Buenos Aires
2,421 bgs, Argentino, Santos
TITANIUM ORE—250 bgs, Norbryn, Santos
WOODFLOUR — 1,500 bgs, B L Soberski, Tugela, Greaker

Portland, Ore., Imports

IRON OXIDE—30 bbls, Reichard Coulston, Leme, Genoa
MOLASSES—1,040,000 lbs, Mapele, Mahukona
OIL, CODLIVER—10 bbls, Kinney Shipping Co, Tigre, Oslo
PARAFFIN—17 cs, Tacoma, Antwerp
11 cs, Portland, Antwerp
PEATMOSS—500 bls, Peat Import Corp, Portland, Bremen
POTASH MURIATE—4,500 sks, Wilson & George Meyer & Co, Portland, Hamburg
PUMICE—47 sks, Leme, Naples

San Francisco Imports

ANTIMONY, CRUDE—100 cs, Marine Midland Trust Co, President Coolidge, Hongkong
APRICOT KERNELS—20 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
BRISTLES—2 cs, H Rosenhirsch Co, President Coolidge, Hongkong
CAMPHOR, REFD—10 cs, H M Newhall & Co, Aratama, Kobe
CASSIA—575 bls, S L Jones & Co, President Coolidge, Hongkong
145 bls, Wah Young Co, President Coolidge, Hongkong
BARK—86 bls, Arles Co, President Coolidge, Hongkong
CHARCOAL, POWD—5 sks, California Packing Corpn, Gregalia, Glasgow
CHEMICALS—400 dms, Mountain Copper Co, Yamabiko, Yokohama
CHILLIES—50 sks, Yamabiko, Kobe
CINNAMON QUILLS—25 bls, Willits & Co, President Coolidge, Hongkong
150 bls, D Hecht & Co, President Coolidge, Hongkong
COCOA BEANS—100 sks, H M Newhall & Co, President Coolidge, Hongkong
198 sks, Tolten, Apia
COCONUT, DESIC—225 cs, M S Cowen Co, President Coolidge, Manila
250 cs, Raley Bros, President Coolidge, Manila
1,100 cs, Balfour, Guthrie & Co, President Coolidge, Manila
3,417 cs, General Foods Sales Co, President Coolidge, Manila
2,450 cs, Wood & Selick, President Coolidge, Manila
COCONUT, DESIC—1,107 cs, Durkee Famous Foods, President Coolidge, Manila
50 cs, J E Lowden, Hoegh Silverstar, Manila
905 cs, Balfour, Guthrie & Co, Aratama, Manila
COPRA—686 sks, American Trust Co, Tolten, Suva
5,734 sks, Tolten, Suva
2,575 sks, J N Raymond, Tolten, Suva
5,000 sks, Wightman & Crane, Tolten, Suva
751 sks, Wightman & Crane, Tolten, Apia
1,910 sks, Tolten, Apia
600 tons, Aratama, Zamboanga (for Oakland)
700 tons, Aratama, Zebu (for Oakland)
CYCAS LEAVES—60 bls, Dr H Dux Co, President Coolidge, Kobe
DERRIS ROOT—8 bls, Dodwell & Co, President Coolidge, Manila
DILLSEED—173 sks, Hoegh Silverstar, Bombay
GINGER ROOT—687 pkgs, President Coolidge, Hongkong
GUM, COPAL—63 pkgs, G W S Patterson & Co, President Coolidge, Manila
HERBS, DRIED—2 pkgs, Chong Sing Co, President Coolidge, Hongkong
INK—7 cs, Wing Hing Chong, President Coolidge, Hongkong
5 cs, Kwong Yick, President Coolidge, Hongkong
MEDICINAL PREPS—19 pkgs, Oy Wo Tong, President Coolidge, Hongkong
6 pkgs, Fung Chong, President Coolidge, Hongkong
3 cs, Yue Wo, President Coolidge, Hongkong
5 pkgs, Tin Yee Hong, President Coolidge, Hongkong
2 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
1 cs, Quong Lee & Co, President Coolidge, Hongkong
2 cs, Ying Fat Lung, President Coolidge, Hongkong
4 cs, Quon Wo & Co, President Coolidge, Hongkong
6 cs, Chong Sing Co, President Coolidge, Hongkong
12 cs, Kwong Kee Chan, President Coolidge, Hongkong
26 pkgs, Chun To Wong, President Coolidge, Hongkong
39 cs, Tin Bow Tong, President Coolidge, Hongkong
6 cs, Hip Hing Co, President Coolidge, Hongkong
14 cs, Woo Kee Co, President Coolidge, Hongkong
6 cs, Wing Hing Chong, President Coolidge, Hongkong
14 cs, Kwong Yick, President Coolidge, Hongkong
NIGER SEED—50 sks, Hoegh Silverstar, Bombay
OIL, ANISE—5 dms, President Coolidge, Hongkong
CHINAWOOD—A lot, Werner G Smith Co, President Coolidge, Hongkong
COCONUT, CRUDE—818 tons, Philippine Refining Corp of N Y, Hoegh Silverstar, Cebu
OLIVE—100 dms, D F Debernardi & Co, Leme, Genoa
300 dms, A Giurliani & Bro, Leme, Genoa
5 dms, Ferrere Bros, Leme, Genoa
100 dms, H Boccara & Fils, Leme, Marseilles
15 dms, Leme, Marseilles
PALM, EDIBLE—50 cs, 10 dms, Gregalia, Liverpool
PEANUT—153 cs, Fung Chong, President Coolidge, Hongkong
150 cs, Chan Kee, President Coolidge, Hongkong
100 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
70 cs, Kwong Kee Chan, President Coolidge, Hongkong
50 cs, The Columbia Co, President Coolidge, Hongkong
RAPESEED, REFD—200 dms, Mitsubishi Shoji Kaisha, Aratama, Nagoya
PEANUTS, SHELLED—100 sks, M S Cowen Co, Hoegh Silverstar, Manila (for Oakland)
PEAT DUST—700 bls, Gregalia, Glasgow
PEPPER, BLACK—225 sks, Hoegh Silverstar, Oosthaven
PYRETHRUM FLOWERS — 134 bls, Shell Chemical Co, Aratama, Kobe
SESAME SEED—50 sks, S L Jones & Co, President Coolidge, Hongkong
STARCH—2 sks, Suey Chong Co, President Coolidge, Hongkong
60 cs, Fung Chong, President Coolidge, Hongkong
60 cs, Kwong Kee Chan, President Coolidge, Hongkong
100 cs, Wo Kee Co, President Coolidge, Hongkong
SULPHUR—2 sks, J L Kulper, Condor, Antofagasta
2 sks, Theodore Myers, Condor, Antofagasta
TALLOW—100 dms, Anglo-California National Bank, Tolten, Auckland
93 dms, Willits & Co, Tolten, Dunedin
TANNIN—9 cs, Marshall Dill, Tolten, Sydney
TAPIOCA FLOUR—50 sks, D Hecht & Co, Hoegh Silverstar, Batavia
462 sks, Hoyt, Shepston & Sciaroni, Hoegh Silverstar, Batavia
SIFTINGS—25 sks, D Hecht & Co, Hoegh Silverstar, Batavia
TAR, COAL, CRUDE—100 dms, S Abrams Co, Tolten, Wellington
TARTAR—2,304 sks, Bank of California, N A, Leme, Marseilles
VANILLA BEANS—6 cs, American Trust Co, Tolten, Papeete
67 cs, Tolten, Papeete
26 cs, Bank of California, N A, Tolten, Papeete

Savannah Imports

SAGO FLOUR—732 bgs, Tabinta, Singapore
TAPIOCA FLOUR—1,789 bgs, Thurland Castle, Batavia
547 bgs, Tabinta, Sourabaya
509 bgs, Tabinta, Cheribon
WATER, MINERAL—20 crtns, 10 cs, Stureholm, Oslo

Seattle Imports

CHEMICALS—53 bbls, Philip Bauer Co, Tacoma, Hamburg
OIL, CODLIVER—50 dms, Tacoma, Bremen
POTASH, MURIATE—91,500 kilos, and 4,100 sks, Wilson & George Meyer & Co, Portland, Hamburg
SULPHATE — 700 sks, Wilson & George Meyer & Co, Portland, Hamburg

Tacoma Imports

BONE MEAL—1,110 sks, Leme, Trieste
POTASH MURIATE — 850 sks, Wilson & George Meyer & Co, Portland, Hamburg

Exports from U.S. Ports

New York Exports

Clearance Dates

American Merchant, January 13; American Shipper, December 30; American Trader, January 6; American Traveler, December 21; Andania, January 7; Anna, January 3; Atlantida, January 6; Black Gull, January 10; Black Hawk, January 6; Blommersdijk, January 16; Carinthus, December 30; Champlain, January 4; Coamo, December 15; Comanchee, January 3; Deutschland, December 28; Eastern Prince, January 7; Estrella, January 10; Fairfield City, January 9; Franklin K Lane, January 13; Giulia, January 16; Hamburg, January 6; Ida, January 7; Jamaica, December 17; Jeff Davis, December 21; Manhattan, January 3; Musa, December 29; New Columbia, December 23; Noordam, January 6; Oriente, December 28; January 11; Pastores, December 23; January 16; Platano, January 6; Queen City, January 12; Quirigua, December 28; Ravnaas, January 13; Roxburgh Castle, January 8; Santa Clara, January 8; Santa Maria, January 12; Santa Paula, January 5; Scanpenn, December 30; Scanstates, January 5; Schodack, January 7; Steel Engineer, December 23; Swinburne, January 14; Talamanca, January 7; Unicol, January 10; Veragua, December 7; January 11; Voco, January 11

ACETONE—4,078 lbs, Scanpenn, Stockholm
ACID, ANHYDRIDE—26,818 lbs, Black Hawk, Antwerp
ACETIC—2,080 lbs, Coamo, San Juan
CITRIC, GRANULAR—219 lbs, Jamaica, Havana
MURIATIC—25,900 lbs, Pastores, Porto Barrios; 3,700 lbs, Quirigua, Kingston; 3,700 lbs, Orotava, Kingston; 1,850 lbs, Antigua, Porto Cortes
SULPHURIC—55,115 lbs, Santa Paula, Porto Colombia; 636 lbs, Pastores, Porto Barrios; 27,115 lbs, Santa Clara, Callao; 3,700 lbs, Veragua, Kingston; 2,530 lbs, Antigua, Porto Barrios
TARTARIC—326 lbs, Quirigua, Limon
ALCOHOL, AMYL—550 gls, Ravnaas, Santos
BUTYL—(Black Hawk) 2,750 gls, Antwerp; 2,750 gls, Rotterdam
DENATURED—2,750 gls, Quirigua, Cartagena; 1,100 gls, Veragua, Cartagena
ISOBUTYL—440 gls, Ravnaas, Santos
AMYL ACETATE—3,645 lbs, Veragua, Porto Colombia
ASPHALT—19,285 lbs, Steel Engineer, Bombay; 163,228 lbs, Quirigua, Kingston; 6,480 lbs, Unicol, Sydney
LIQUID—28,560 lbs, Estrella, Benguela; 14,386 lbs, American Trader, London; 29,319 lbs, American Merchant, London
SOLID—2,551 lbs, Unicol, Sydney; 50,313 lbs, American Shipper, Manchester
BAKING POWDER—(Deutschland) 10,150 lbs, Stockholm; 29,975 lbs, Gothenburg
BLEACHING POWDER—7,440 lbs, Chiriqui, Havana
BENZIN—(Roxburgh Castle) 300 gls, Walvis Bay; 33,000 gls, Capetown-option; 2,000 gls, Beira
BLUE, LAUNDRY—4,023 lbs, Talamanca, Port Limon; 12,027 lbs, Veragua, Porto Colombia
ULTRAMARINE—4,023 lbs, Talamanca, Port Limon; 971 lbs, Veragua, Limon
VITRIOL—2,022 lbs, Platano, Guayaquil; 80,800 lbs, Veragua, Kingston; 1,416 lbs, Antigua, Porto Barrios
CADMIUM SULPHIDE—2,770 lbs, Deutschland, Hamburg
CALCIUM CARBIDE—(Platano) 3,780 lbs, Buenaventura; 10,650 lbs, Corinto
CYANIDE—9,249 lbs, Unicol, Melbourne
MOLYBDATE—47,912 lbs, Manhattan, Hamburg
CHAMONILE SIFTINGS—5,291 lbs, American Traveler, Hamburg
CARBITOL—10,280 lbs, Black Hawk, Rotterdam
CATTLE DIP—10,779 lbs, Quirigua, Porto Colombia
CHALK, PRECIP—13,355 lbs, Ravnaas, Buenos Aires
CHEMICALS — 38,500 lbs, Unicol, Sydney; 3,614 lbs, American Shipper, Liverpool; 2,204 lbs, Scanstates, Gdynia; 12,685 lbs, Jean Jadot, Matadi
CHLORINE, LIQ—1,296 lbs, Pastores, Porto Barrios
CHLOROFORM—592 lbs, Jamaica, Jamaica
CLAY—224,448 lbs, Steel Engineer, Suez
CLEANER—32,400 lbs, Jeff Davis, Manila
COALTAR BASE—24,561 lbs, Andania, Liverpool
INTERMEDIATES — 2,810 lbs, American Traveler, Havre; 10,524 lbs, Eastern Prince, Buenos Aires; 18,699 lbs, Scanpenn, Danzig
COCOA CAKE—52,240 lbs, Noordam, Amsterdam
COLOR, ANILIN—7,348 lbs, Noordam, Rotterdam
DRY—4,940 lbs, Unicol, Sydney; (Chiriqui) 9,348 lbs, Havana; 2,200 lbs, Limon
COTTON LINTERS—95,973 lbs, Giulia, Genoa
CORN FLOUR — 1,876 lbs, Estrella, Horta; 3,550 lbs, Jamaica, Havana; 1,420 lbs, Chiriqui, Havana
SUGAR—4,466 lbs, Schodack, Dunkirk
SYRUP — 33,359 lbs, Talamanca, Havana; 11,462 lbs, Platano, Panama; 23,263 lbs, Jamaica, Havana; 6,249 lbs, Veragua, Kingston; 1,544 lbs, Pastores, Porto Barrios; 8,285 lbs, Fairfield City, Honolulu
CREOSOTE—10,575 lbs, Pastores, Porto Barrios
DEXTRIN—3,807 lbs, Jamaica, Havana; 564 lbs, American Trader, London
DICHLORODIFLUOROMETHANE — 1,283 lbs, Scanstates, Gothenburg; 21,420 lbs, Ravnaas, Buenos Aires; 1,088 lbs, Black Hawk, Amsterdam
DIMETHYLAMINE — 10,372 lbs, American Shipper, Liverpool
DRUGS—2,991 lbs, American Merchant, London
DYES—(American Traveler) 1,560 lbs, Gothenburg; 1,635 lbs, Malmo; 1,150 lbs, Quirigua, Porto Colombia; 44,675 lbs, Eastern Prince, Buenos Aires; 3,023 lbs, Noordam, Rotterdam; 3,065 lbs, American Trader, London; 2,991 lbs, American Merchant, London; 20,307 lbs, Ravnaas, Buenos Aires; 2,298 lbs, Scanpenn, Gothenburg; 1,419 lbs, Hamburg, Hamburg
ETHYL ACETATE—1,335 lbs, Ravnaas, Santos
ETHYLENEDICHLORIDE—1,220 lbs, Unicol, Melbourne
ETHYLENEGLYCOL — 27,600 lbs, American Trader, London
ETHYLENEGLYCOLMONOBUTYLETHER — 2,706 lbs, Unicol, Melbourne
FELDSPAR—11,319 lbs, Deutschland, Bremen
FLOTATION REAGENT—666 lbs, Schodack, Havre
FORMALDEHYDE SOLUT—31,857 lbs, Pastores, Tela
GASOLINE—275 gls, Roxburgh Castle, Capetown; (New Columbia) 8,250 gls, Freetown; 2,750 gls, Lome; 2,750 gls, Cotonou; 250 gls, Swinburne; Leticia
GASOLINE, AVIATION—(Strella) 100 gls, P Amboin; 750 gls, Mossamedes; 825 gls, bito; 1,325 gls, Benguela
GELATIN — 74,681 lbs, American Mercha London; 951 lbs, Andania, Liverpool
GLUCOSE, SOL—14,100 lbs, Roxburgh Cas Durban; 4,875 lbs, Steel Engineer, C cutta
GLYCERIN—4,460 lbs, Santa Paula, Porto lombia; 855 lbs, American Traveler, L don; 560 lbs, Veragua, Porto Colombia
GRAPHITE—11,220 lbs, American Trad London
GREASE, LUBRIC—263,431 lbs, Deutschla Hamburg; (Estrella) 2,340 lbs, Lobi 20,587 lbs, Algiers; 7,029 lbs, Oran; 1, lbs, Pastores, Tela; (Roxburgh Cast 19,275 lbs, Walvis Bay; 4,662 lbs, Ca town; 9,443 lbs, Port Elizabeth; 4, lbs, East London; 20,622 lbs, Durba 23,475 lbs, Lourenco Marques; 4,204 l Beira; 1,320 lbs, Steel Engineer, Bomb Calcutta; (American Traveler) 2,420 l Tallinn; 61,896 lbs, Havre; (New Colu bia) 1,167 lbs, Teneriffe; 2,420 lbs, L Palmas; (Scanstates) 4,755 lbs, Land krona; 2,376 lbs, Stockholm; 44,750 l Jeff Davis, Manila; (Schodack) 33. lbs, Havre; 839 lbs, Lille; 20,516 l Dunkirk; 8,824 lbs, Platano, Buenave tura; 8,560 lbs, Musa, Valparaiso; 69, lbs, American Trader, London; 3,955 l Veragua, Cartagena; 19,875 lbs, Giul Genoa; 1,765 lbs, American Merchar London; (Unicol) 26,284 lbs, Brisban 39,168 lbs, Sydney; 16,579 lbs, Melbourn 2,300 lbs, Adelaide; 5,115 lbs, Ravnaa Rio Janeiro; 6,891 lbs, American Shipp Manchester; 10,976 lbs, Andania, Liv pool; (Black Hawk) 31,500 lbs, An werp; 757 lbs, Amsterdam; (Scanpen 5,516 lbs, Stockholm; 4,694 lbs, Helsin fors; (Hamburg) 220,879 lbs, Hambur 2,458 lbs, Berne; (Fairfield City) 4,4 lbs, Manila; 9,288 lbs, Saigon
GYPSUM—25,000 lbs, Atlantida, Santiago
HEMATINE CRYSTALS—3,600 lbs, Veragu Porto Colombia
HYDROGEN, PEROXIDE—10,600 lbs, Ve agua, Cartagena
INSECTICIDE, HOUSEHOLD—21,384 lb Jeff Davis, Manila
ISOBUTYL ACETATE—12,843 lbs, Ravnaa Santos
KEROSENE—1,000 gls, Swinburne, Leticia
LACQUER—2,137 lbs, Scanstates, Stockholm 74,097 lbs, Jeff Davis, Bangkok; 3,1 lbs, Black Hawk, Antwerp
THINNER—990 gls, Steel Engineer, Madra
LARD — 56,700 lbs, Talamanca, Havana (Jamaica) 14,000 lbs, Sagua; 29,400 lb Havana; 465,393 lbs, American Trade London; 229,620 lbs, American Merchan London; 37,800 lbs, Chiriqui, Havana (American Shipper) 350,286 lbs, Ma chester; 80,150 lbs, Liverpool; 324,524 lb Andania, Liverpool; 36,167 lbs, Manha tan, Hamburg
LEAD ARSENATE — 1,060 lbs, Veragua Panama
WHITE—7,448 lbs, Eastern Prince, Buen Aires
LINSEED CAKE — 1,318,132 lbs, America Traveler, Havre; (Schodack) 451,682 lb Havre; 904,554 lbs, Dunkirk; 1,896,9 lbs, Black Gull, Rotterdam; 2,240,065 lb Blommersdijk, Rotterdam - Amsterdam 2,253,881 lbs, Jean Jadot, Antwerp (Black Hawk) 5,274,616 lbs, Antwerp 451,141 lbs, Rotterdam
LITHARGE — 15,418 lbs, American Shippe Manchester
MOLYBDENATE CONC—125,331 lbs, Giulia Genoa
OIL, AVIATION—805 tons, Comanche, Eng land
BRIGHT STOCK—689 tons, Carinthus, Liver pool; 1,490 tons, Comanche, England
CASTOR—4,971 lbs, Jamaica, Havana; 4,84 lbs, Manhattan, Havre
COALTAR—3,591 lbs, Jamaica, Havana
COCONUT—2,050 lbs, Chiriqui, Limon
CORN—362 lbs, Roxburgh Castle, Luderit Bay; 1,204 lbs, Steel Engineer, Alex andria
CYLINDER—870 tons, Comanche, England 156,072 gls, Voco, Birkenhead and Londo
EDIBLE — 1,500 lbs, Talamanca, Havana; 1,000 lbs, Platano, Puntarenas; 3,750 lbs Musa, Puntarenas; 1,250 lbs, Jamaica Limon; 5,115 lbs, Pastores, Pureto Barrio
ESSENTIAL—454 lbs, Deutschland, Hamburg
FISH—1,295 lbs, Jean Jadot, Antwerp
GAS—8,250 gls, New Columbia, Sassandra
LUBRICATING — 73,962 gls, Deutschland Hamburg; (Estrella) 210 gls, Leixoes 2,062 gls, Lisbon; 715 gls, Loanda; 1,06 gls, Funchal; 1,650 gls, Lobito; 605 gls Dakar; 4,110 gls, Marseilles; 550 gls Bone; 1,165 gls, Haiphong; 385 gls, Tunis 4,125 gls, Santa Paula, Porto Colombia (Santa Clara) 6,875 gls, Mollendo; 2,75 gls, Antofagasta; 3,850 gls, Valparaiso 2,200 gls, Pastores, Tela; (Roxburgh Castle) 750 gls, Walvis Bay; 8,795 gls Capetown; 1,350 gls, Port Elizabeth; 55 gls, East London; 65,185 gls, Durban 5,830 gls, Lourenco Marques; (Steel En gineer) 550 gls, Calcutta; 1,210 gls, Bom bay-Calcutta; 19,560 gls, Champlain Havre; (American Traveler) 715 gls, Tal linn; 2,575 gls, Havre; 1,375 gls, Paris (New Columbia) 2,525 gls, Las Palmas 1,925 gls, Dakar; 1,045 gls, Freetown 550 gls, Grand Bassam; 4,455 gls, Takoradi; 825 gls, Accra; 2,970 gls, Lome; 5,83 gls, Apapa; 550 gls, Warri; 3,070 gls, Por Harcourt; 275 gls, Degama; 550 gls, Cala bar; 5,555 gls, Eastern Prince, Bueno Aires; 347 tons, Ida, Fiume; 4,555 gls Noordam, Amsterdam; (Scanstates) 3,57 gls, Gothenburg; 275 gls, Stockholm (Schodack) 16,800 gls, Havre; 275 gls Lille; 11,340 gls, Dunkirk; (Jamaica) 1,37 gls, Limon; 13,880 gls, Havana; 3,125 gls Oriente, Havana; (Cerinthus) 515 tons London; 3,773 tons, Hamburg; 35,520 gls American Trader, London; 5,250 tons, Co manchee, London; 4,125 gls, Veragua Porto Colombia; 12,096 gls, Giulia, Ge noa; (American Merchant) 825 gls, Tal linn; 4,465 gls, London; (Unicol) 48,95 gls, Brisbane; 67,650 gls, Sydney; 71,55 gls, Melbourne; 25,410 gls, Adelaide; 31, 300 gls, Ravnaas, Rio de Janeiro; (Santa Maria) 1,485 gls, Buenaventura; 1,650 gls Callao; 3,025 gls, Antofagasta; 20,275 gls Valparaiso; 4,125 gls, Oriente, Havana 771,834 gls, Voco, Birkenhead and Lon don; (American Shipper) 330 gls, Belfast 6,082 gls, Manchester; 3,685 gls, An dania, Calcutta; 9,324 gls, Manhattan Havre; 3,575 gls, Jean Jadot, Antwerp (Black Hawk) 1,650 gls, Antwerp; 1,16 gls, Rotterdam; (Swinburne) 1,650 gls Ceara; 3,302 gls, Fernambuco; (Scanpenn 275 gls, Gothenburg; 3,000 gls, Praha; 33 gls, Stockholm; 3,910 gls, Helsingfors; 21 gls, Abo; 8,820 gls, Fairfield City, Manila (Hamburg) 81,942 gls, Hamburg; 550 gls Prague; 2,395 gls, Budapest; 7,308 gls Prague; 330 gls, Memel
MEDICINAL — 1,045 lbs, American Trader London
MINERAL—4,070 gls, American Merchant London

OIL, OLEO—47,449 lbs, Noordam, Rotterdam; 7,370 lbs, Andania, Liverpool; 14,343 lbs, Black Hawk, Antwerp; (Scanpenn) 11,832 lbs, Copenhagen or option; 13,817 lbs, Stockholm
PEPPERMINT — 2,281 lbs, Deutschland, Hamburg; 323 lbs, Jamaica, Havana; 2,210 lbs, American Merchant, London
VALVE — 870 tons, Comanchee, England; 2,640 gls, Havana, Vera Cruz
PAINT—2,290 lbs, Estrella, Oporto; 4,839 lbs, Scanstates, Gothenburg; (Veragua) 6,981 lbs, Porto Colombia; 7,402 lbs, Cartagena; 20,180 lbs, Pastores, Tela; 14,447 lbs, Scanpenn, Stockholm
PREPARED—8,610 lbs, Veragua, Kingston; 11,710 lbs, Pastores, Porto Barrios
THINNER—2,420 gls, Estrella, Oporto; 550 gls, Black Hawk, Antwerp
PALM KERNEL CAKE—565,600 lbs, Noordam, Rotterdam
PARAFFIN—(Santa Paula) 158,218 lbs, Cartagena; 45,200 lbs, Porto Colombia; 22,624 lbs, Maracaibo; (Santa Clara) 11,151 lbs, Pacasmayo; 17,488 lbs, Pisco; 199,422 lbs, Buenaventura; 20,340 lbs, Callao; (Pastores) 20,204 lbs, Antigua; 10,101 lbs, Porto Barrios; (Platano) 44,500 lbs, Mollendo; 11,111 lbs, Callao; 23,433 lbs, Jamaica, Havana; 22,615 lbs, Comanchee, England; (Giulia) 49,271 lbs, Genoa; 9,455 lbs, Leghorn; 5,560 lbs, Naples; (Santa Maria) 43,188 lbs, Pacasmayo; 22,630 lbs, Salaverry; 84,800 lbs, Guayaquil; 22,151 lbs, Callao; (Veragua) 49,754 lbs, Cartagena; 1,836 lbs, Porto Colombia; 142,523 lbs, Chiriqui, Limon; (Pastores) 11,300 lbs, Porto Barrios; 20,201 lbs, Guatemala; (Black Hawk) 26,685 lbs, Antwerp; 15,571 lbs, Amsterdam; 26,685 lbs, Black Hawk, Antwerp
SCALE—72,518 lbs, Scanstates, Helsingfors; (Black Hawk) 36,519 lbs, Antwerp; 36,275 lbs, Amsterdam
PETROLATUM, MED—3,486 lbs, Eastern Prince, Buenos Aires; 228,608 lbs, American Merchant, London
PETROLEUM, REFD — (Roxburgh Castle) 45,000 gls, Walvis Bay; 17,500 gls, Luderitz Bay; 28,500 gls, Durban; 34,250 gls, Lourenco Marques; 7,000 gls, Beira; 15,000 gls, Coamo, Ciudad
PHARMACEUTICAL PREPS—8,100 lbs, American Merchant, London
PITCH, BRIQUETTING—1,650 lbs, Anna, Sete
RESIN, SYNTHETIC — 2,915 lbs, Eastern Prince, Buenos Aires
POTASH CARBONATE—2,493 lbs, Veragua, Cartagena
CAUSTIC—2,460 lbs, Jeff Davis, Manila
OXALATE—240 lbs, Veragua, Porto Colombia
RESIN, COALTAR—1,374 lbs, American Traveler, Havre; 2,936 lbs, Manhattan, Hamburg
SYNTHETIC — 2,915 lbs, Eastern Prince, Buenos Aires; 2,180 lbs, Black Hawk, Amsterdam
ROSIN—2,577 lbs, Deutschland, Hamburg; 17,021 lbs, American Merchant, London; 2,577 lbs, Andania, Liverpool
SENEGA ROOT—332 lbs, Giulia, Genoa
SOAP—42,988 lbs, American Trader, London
TOILET—27,914 lbs, Noordam, Amsterdam
SODA ACETATE—2,910 lbs, Jamaica, Caibarien
ASH—7,488 lbs, Santa Paula, Cartagena; 6,834 lbs, Veragua, Porto Colombia; 36,960 lbs, Oriente, Havana
BICARBONATE—22,672 lbs, Santa Paula, Porto Colombia; 12,750 lbs, Talamanca, Havana; 24,020 lbs, Havana, Vera Cruz; 6,834 lbs, Veragua, Porto Colombia
BICHROMATE—3,841 lbs, Scanpenn, Memel
BROMIDE—100,560 lbs, Scanstates, Beloostrov
CAUSTIC—7,200 lbs, Pastores, Porto Cortes; 96,480 lbs, Talamanca, Havana; 73,080 lbs, Steel Engineer, Karachi; 12,720 lbs, Quirigua, Havana; 4,300 lbs, Platano, Guayaquil; 9,540 lbs, Musa, Buenaventura; 110,475 lbs, Oriente, Havana; 884,130 lbs, Ravnaas, Buenos Aires; 135,282 lbs, Oriente, Havana
CAUSTIC LIQ—5,200 bbls, in bulk, Franklin K Lane, Aruba
HYDROSULPHATE — 1,349 lbs, Talamanca, Port Limon
PHOSPHATE, TRI—11,180 lbs, Santa Paula, Porto Colombia; 4,080 lbs, Veragua, Porto Colombia
SULPHATE—12,172 lbs, Santa Maria, Buenaventura
SULPHITE—37,515 lbs, Santa Clara, Antofagasta
STARCH—17,625 lbs, Santa Clara, Callao; 2,020 lbs, Jamaica, Havana; 606 lbs, American Trader, London
CORN — 9,600 lbs, Talamanca, Havana; 203,040 lbs, Steel Engineer, Calcutta; (Jeff Davis) 5,428 lbs, Manila; 9,540 lbs, Honolulu; 7,050 lbs, American Trader, London
TALC — 3,892 lbs, Ravnaas, Buenos Aires; 80,600 lbs, Andania, Liverpool
TALLOW—11,598 lbs, Chiriqui, Havana
TANNING EXTRACT—37,286 lbs, Schodack, Dunkirk
TITANIUM DIOXIDE — 3,280 lbs, Jamaica, Caibarien
TURPENTINE — (Roxburgh Castle) 100 gls, Luderitz Bay; 550 gls, Capetown; 4,000 gls, Beira
UREA—202 lbs, American Trader, London
VARNISH—866 lbs, Pastores, Porto Barrios; 2,239 lbs, American Merchant, London; 1,140 lbs, American Shipper, Liverpool
WATERPROOFING COMP — 14,125 lbs, Andania, Liverpool
WITCH HAZEL EXTRACT—151 lbs, Manhattan, Hamburg
ZINC, OXIDE—2,438 lbs, Jamaica, Havana; 14,656 lbs, Ravnaas, Buenos Aires

Baltimore Exports

Clearance Dates

Argentino, January 16; Black Falcon, January 12; Cold Harbor, January 13; Hallaren, January 13; Haughton Hall, January 16; Independence Hall, January 16; Kongo, January 15; San Vincente, January 14; Urbino, January 14

ACID, CHROMIC—22,400 lbs, Cold Harbor, Manchester
AMMONIA SULPHATE—448,000 lbs, Argentino, Buenos Aires
CALCIUM ARSENATE—20,000 lbs, San Vincente, Peru
COPRA CAKE—100 tons, Independence Hall, Havre
CORNFLOUR—30,240 lbs, Cold Harbor, Dublin
GREASE, LUBRIC—6,224 lbs, Black Falcon, Antwerp; 11,632 lbs, Cold Harbor, Liverpool; (San Vincente) 8,395 lbs, Guatemala; 10,938 lbs, Chile; 2,600 lbs, Honduras; 79,823 lbs, Kongo, Yokohama; 17,198 lbs, Argentino, Santos
INSECTICIDE—1,452 lbs, San Vincente, Colombia; 13,971 lbs, Independence Hall, Bordeaux
LITHOPONE—9,000 lbs, Hallaren, Oslo
MOLASSES—5,500 gls, Cold Harbor, Dundalk, Ireland (Hallaren) 825 gls, Copenhagen; 1,650 gls, Norrkoeping
OIL, LUBRIC—1,306 bbls, Kongo, Osaka
MINERAL—117 bbls, Cold Harbor, Liverpool
POLISH, AUTO—1,150 lbs, Urbino, Durban
PORCELAIN ENAMEL FRIT—900 lbs, Hallaren, Oslo
POTASH BICHROMATE—6,720 lbs, Cold Harbor, Manchester
SULPHATE—56,000 lbs, Argentino, Buenos Aires
RUTILE—(Cold Harbor) 22,436 lbs, Manchester; 11,164 lbs, Liverpool
SODA BICHROMATE—22,400 lbs, Cold Harbor, Manchester; 13,029 lbs, Independence Hall, Bordeaux
STARCH, CORN—424,500 lbs, Haughton Hall, Bombay
TUCUM MEAL—170 tons, Black Falcon, Antwerp

Boston Exports

Clearance Dates

Beemsterdijk, January 17; Black Heron, January 16; City of Corinth, January 19; Irisbank, January 21; Lady Nelson, January 14; Malabar, January 16; Nagara, January 13; Yarmouth, January 14, 18

ACID, BORIC—1 sack, 100 lbs, Yarmouth, Charlottetown, P E I
ALUMINA OXIDE—630 bgs, and 31 kgs, 72,846 lbs, Malabar, London
AMYL ACETATE—1 bx, 1 gl, Lady Nelson, Bermuda
ASBESTOS FIBER—6,142 bgs, Nagara, Japan
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax
BRISTLES—7 cs, 760 lbs, Yarmouth, St John, N B
CEMENT, ADHES—1 cs, 32 lbs, Malabar, London
CAN—22 dms, 1,182 lbs, Malabar, London
SHOE—1 dm, 5 gls, Black Heron, Basel; 1 dm, 6 gls, Malabar, Norwich
CHEMICALS—4 cs, 400 lbs, Malabar, London
CLAY—142 dms, 19 tons, Malabar, London
CLEANER—10 bbls, 3,470 lbs, Lady Nelson, Hamilton
FAT, COOKING—3 cs, 108 lbs, Irisbank, Manila
FERTILIZER, LEATHER SCRAP—(City of Corinth) 102 bls, 67,570 lbs, Bombay; 175 bls, 120,525 lbs, Madras
FLUX—15 dms, 2,025 lbs, Black Heron, Rotterdam
GARNET ROCK, GRD—6 dms, 1,773 lbs, Malabar, London
GREASE, LUBRIC—2 dms, 786 lbs, Yarmouth, Yarmouth
INK, MARKING—1 cs, 18 lbs, Black Heron, Zurich; 2 cs, 50 qts, Malabar, Leicester
LACQUER—10 dms, 520 gls, Black Heron, Wiltz, Luxembourg
LARD—4,000 bxs, 224,000 lbs, Malabar, London
LINING COMP—2 dms, 1,144 lbs, Black Heron, Antwerp
LUBRICANT, DRAWING—20 dms, 100 gls, Malabar, London
MEDICINAL PREPS—600 bxs, 3,000 gls, Malabar, London
MICA, POWD—60 bgs, 8,020 lbs, Malabar, London; (Beemsterdijk) 11 bgs, 1,106 lbs, Rotterdam; 23 bgs, 2,300 lbs, Helsingfors
MOLASSES—36 bbls, 1,980 gls, Beemsterdijk, Rotterdam
OIL, CHRONOMETER—1 bx, 4 lbs, Malabar, London
HALIBUT LIVER—12 cs, 921 lbs, Malabar, London
LUBRICATING—1 pail, 38 lbs, Black Heron, Saventhen; 10 bbls, 5,491 lbs, Malabar, Wellingborough; 2 dms, 100 gls, Yarmouth, St John, N B
PASTE, ADHES—35 dms, 1,470 lbs, Malabar, London; 1 bbl, 335 lbs, Yarmouth, Fredericton, N B
POLISH—1 crtn, 50 lbs, Malabar, London
RESIN, GUM—120 bbls, 60,465 lbs, Yarmouth, St John N B
SYNTHETIC—4 dms, 1,333 lbs, Malabar, London
SALT, PRESERVING—1 bx, 110 lbs, Malabar, London
SOAP—20 cs, 617 lbs, Irisbank, Manila
FLAKE—20 cs, 668 lbs, Irisbank, Manila
POWDER—6 bbls, 1,500 lbs, Lady Nelson, Bermuda
TAR—1,000 cs, 32,500 lbs, Irisbank, Manila
TOILET—2,000 cs, 55,000 lbs, Irisbank, Manila
STARCH—1 bbl, 280 lbs, Lady Nelson, Bermuda
TURPENTINE, GUM — (Yarmouth) 10 dms, 3,850 lbs, Halifax; 10 dms, 3,920 lbs, Moncton, N B

Corpus Christi Exports

Clearance Dates

Alexandria Hoegh, January 1; Binta, January 1; Bramora, January 1; Hagood, January 7; Emile Miguet, December 28; Mirlo, January 10; Omphale, January 9; Pericles, January 12; Pluvois, January 3; Rigmor, January 4; Seirstad, January 9; Swiftarrow, January 6; Turicum, January 6

GASOLINE — 38,407 bbls, Bramora, London; 77,376 bbls, Rigmor, Curacao; 85,581 bbls, Seirstad, London
KEROSENE—19,486 bbls, Seirstad, London
OIL, FUEL—26,599 bbls, Binta, Copenhagen
PETROLEUM, CRUDE—160,185 bbls, Emile Miguet, Havre; 98,019 bbls, Alexandria Hoegh, Havre; 36,228 bbls, Binta, Copenhagen; 103,639 bbls, Pluvois, Berre, France; 46,077 bbls, Turicum, Gothenburg; 78,004 bbls, Swiftarrow, Tromley Point; 71,891 bbls, Hagood, East Braintree; 60,196 bbls, Omphale, Donges; 27,641 bbls, Mirlo, Gothenburg-Flushing; 87,630 bbls, Pericles, Yokohama

Galveston Exports

Clearance Dates

Calgarolite, January 14; Frankenwald, January 16; Oakwood, January 16; Reginolite, January 16; West Hobomac, January 11

BLACK, CARBON—(Oakwood) 5 tons, Havre; 7 tons, Antwerp; 50 cs, Frankenwald, Bremen
PETROLEUM, CRUDE—125,000 bbls, Calgarolite, Halifax; 88,000 bbls, Reginolite, Campora, Argentina
SULPHUR—2,700 tons, West Hobomac, Manchester

Houston Exports

Clearance Dates

Delalba, January 16; Erinna, January 14; Kiyokawa, January 13; Laura C, January 12; Margaret Lykes, January 13; Nettuno, January 13; Stiklestad, January 13; Thelma, January 17; West Hobomac, January 14

ASPHALT—12 tons, Laura C, Susak via Trieste-Venice
BLACK, CARBON—(Laura C) 1,542 bgs, Trieste; 72 cs, Istanbul; 300 bgs, Bourgas; 35 tons, Kiyokawa, Yokohama; (West Hobomac) 6,858 bgs, Liverpool; 19,800 bgs, 300 cs, Manchester; 2,240 bgs, Liverpool-Manchester; (Delalba) 3 cs, 44 bgs, Rio de Janeiro; 75 bgs, Santos; 33 cs, 3,833 bgs, Buenos Aires
CLAY—1 bg, Delalba, Rio de Janeiro
GASOLINE—2,000 tons, Stiklestad, Lisbon
KEROSENE—2,000 tons, Stiklestad, Lisbon
OIL—30 tons, Margaret Lykes, Cristobal
FUEL—6,800 tons, Nettuno, La Spezia
LUBRICATING—1,100 tons, Erinna, United Kingdom; 40 dms, Delalba, Santos
PETROLEUM, CRUDE—6,500 tons, Thelma, Trieste
POTASH—(Kiyokawa) 18,500 bgs, Yokohama; 1,500 bgs, Osaka
TRIPOLI—120 tons, West Hobomac, Manchester

Lake Charles Exports

Clearance Dates

City of Omaha, January 8; Margaret Lykes, January 10

ROSIN—(City of Omaha) 400 dms, Glasgow; 11 dms, Dublin; (Margaret Lykes) 15 dms, Buenaventura; 10 dms, Puntarenas; 458 dms, Valparaiso

Los Angeles Exports

Clearance Dates

Ariston, January 19; Asama, January 6; Belita, January 9; City of San Francisco, January 7; Clausina, January 11; Este, January 7; Gaelic, January 7; Genyo, January 9; Gregalia, January, 9; Hopecrest, January 8; Loosdrecht, January 12; Montebello, January 9; Nippon, January 10; Norden, January 10; Otowasan, January 9; Pacific Reliance, January 6; Peru, January 6; President Coolidge, January 9; Toa, January 9; Villanger, January 12; West Camargo, January 11; Wyoming, January 8; Yamabiko, January 7.

ACETONE—335 dms, 119,940 lbs, West Camargo, La Plata; 25 dms, 895 lbs, Hopecrest, Sourabaya; (Peru) 123 dms, 44,040 lbs, Stockholm; 49 dms, 17,540 lbs, Helsingfors; 168 dms, 55,930 lbs, Pacific Reliance, Liverpool.
ACID, BORIC—(Este) 2,000 bgs, 224,000 lbs, Hamburg; 400 bgs, 44,800 lbs, Rotterdam; 90 bgs, 11,400 lbs, Yamabiko, Sao Paulo; 200 bgs, 22,400 lbs, Gaelic Star, London; 300 bgs, 33,600 lbs, Pacific Reliance, Manchester
AMMONIA, ANHYD—30 cyls, 4,500 lbs, Este, Puntarenas
BORATE—614 bgs, 109,250 lbs, President Coolidge, Osaka; (Este) 5,924 sks, 1,067,920 lbs, Hamburg; 660 bgs, 112,600 lbs, Rotterdam
BORAX—(President Coolidge) 386 bgs, 42,560 lbs, Osaka; 800 sks, 88,200 lbs, Shanghai; (Este) 560 bgs, 67,200 lbs, Antwerp; 320 bgs, 44,800 lbs, Rotterdam; 5 cs, 120 lbs, Gregalia, Vancouver; 1,478 bgs, 165,540 lbs, Wyoming, Antwerp; 358 bgs, 56,640 lbs, Yamabiko, Sao Paulo; 980 bgs, 110,780 lbs, Asama, Osaka/Kobe/Yokahama; 296 bgs, 33,150 lbs, Peru, Malmo; 2,520 bgs, 313,600 lbs, Gaelic Star, London; 1,040 bgs, 123,200 lbs, Pacific Reliance, Manchester
BUTYL ACETATE—(Hopecrest) 5 dms, 1,970 lbs, Sourabaya; 25 dms, 9,850 lbs, Batavia
CLAY—4,400 sks, 222,200 lbs, West Camargo, Buenos Aires
GROUND—450 sks, 44,800 lbs, Wyoming, Maracaibo; 150 dms, 47,040 lbs, Pacific Reliance, Southampton
CLEANER—5,600 lbs, West Camargo, Port of Spain; (President Coolidge) 150 sks, 7,880 lbs, Manila; 2,040 lbs, Hong Kong; 4,600 lbs, Shanghai
COTTON LINTERS — 1,375 bls, 94,370 lbs, Wyoming, Havre
DIATOMACEOUS EARTH—(West Camargo) 50 bgs, 4,900 lbs, San Fernando; 1,606 bgs, 160,600 lbs, Buenos Aires; 592 bgs, 59,200 lbs, City of San Francisco, Havana; 6 bgs, 240 lbs, Peru, Helsingfors; (Pacific Reliance) 67 bgs, 6,700 lbs, London; 955 bgs, 91,610 lbs, Manchester
FILM SCRAP—6,010 lbs, Gaelic Star, Liverpool
GASOLINE—102,021 bbls, 26,627,480 lbs, Loosdrecht, Hamburg; 6,940 bbls, 1,811,340 lbs, Nippon, Tsurumi; 11,831 bbls, 3,087,890 lbs, Ariston, Yokohama; 400 dms, 150 cs, 143,810 lbs, Hopecrest, Manila
AVIATION—18,081 bbls, 4,719,140 lbs, Loosdrecht, Hamburg; 9,123 bbls, 2,381,100 lbs, Clausina, Rotterdam
KEROSENE—(Clausina) 35,743 bbls, 10,186,760 lbs, London; 43,105 bbls, 12,284,930 lbs, Rotterdam
LACQUER—580 lbs, Hopecrest, Bombay
THINNER—130 lbs, West Camargo, Buenos Aires; 430 lbs, Hopecrest, Bombay
MEDICINAL PREPS—900 lbs, Pacific Reliance, London
OIL, DIESEL—1,067 bbls, 332,900 lbs, President Coolidge, Manila; 40,093 bbls, 12,509,020 lbs, Otowasan, Osaka; 61,343 bbls, 19,139,020 lbs, Belita, Valparaiso/Antofagasta
FUEL—31,102 bbls, 10,356,970 lbs, Otowasan, Osaka; 79,544 bbls, 26,488,150 lbs, Toa, Sasebo; 5,482 bbls, 1,825,510 lbs, Belita, Valparaiso/Antofagasta
LEMON—1,140 lbs, Villanger, Rotterdam; 880 lbs, Wyoming, Havre; 1,140 lbs, Peru, London
LUBRICATING—65 dms, 31,040 lbs, Hopecrest, Manila
ORANGE—20 cs, 1,000 lbs, Villanger, Havre
PAINT MIXING—18,000 lbs, City of San Francisco, Cristobal
PAINT—(Hopecrest) 155 kgs, 13,500 lbs, Manila; 330 lbs, Bombay
THINNER—510 lbs, West Camargo, Buenos Aires; 130 lbs, Hopecrest, Bombay
PECTIN, CITROUS—2,000 lbs, Peru, London; 4,000 lbs, Pacific Reliance, Dublin
PETROLEUM, CRUDE—44,346 bbls, 13,835,850 lbs, Nippon, Tsurumi; 90,251 bbls, 28,158,310 lbs, Ariston, Yokohama; 86,191 bbls, 26,891,590 lbs, Genyo, Tokuyama; 51,171 bbls, 15,965,350 lbs, Montebello, Ioco
SODA ASH—(Yamabiko) 1,232 bgs, 209,440 lbs, Sao Paulo; 3,278 bgs, 425,550 lbs, Santos
CAUSTIC—375 cs, 19,130 lbs, President Coolidge, Manila
TALC—222 bgs, 44,800 lbs, West Camargo, Rio Janeiro
TOILET PREPS—470 lbs, Norden, Georgetown; 590 lbs, President Coolidge, Manila; (Wyoming) 350 lbs, Curacao; 1,850 lbs, Paris

Mobile Exports

Clearance Date

Yildum, January 12

SCOURING COMP—30 ctns, Yildum, Maracaibo

New Orleans Exports

Clearance Dates

Anhalt, December 20; Baja California, December 23; Cadmus, December 22; Cefalu, December 27; Comedian, January 12; Contessa, December 20; Dramatist, January 3; Ermland, December 28; Frankfurt, December 31; Laura C, January 9; Lysefjord, December 29; Morazan, December 22; Munsterland, December 3; Santa Marta, December 20; Sinaloa, December 16; Sixaola, December 16; Tegucigalpa, December 29; Toloa, December 28; Ulua, December 24; Vigrid, January 13; West Quechee, January 16.

ASPHALT—5 dms, Sixaola, Panama City; 60 dms, Contessa, Corinto
BLACK, CARBON—(Frankfurt) 5 tons, Brisbane; 8 tons, Sydney; 12 tons, Melbourne; (Ermland) 8 tons, Yokohama; 7 tons, Kobe; (Comedian) 20 cs, Liverpool; 17 tons, Manchester; 13 cs, 400 sx, Vigrid, Gydnia; 4 tons, West Quechee, London; 3,520 sx, 2 cs, Dramatist, Manchester
CALCIUM, ARSENATE—500 dms, Sixaola, Pisco; 300 dms, Ulua, Pisco
CARBIDE—6 dms, Ulua, Panama City
PHOSPHATE—10 bbls, Tegucigalpa, Tampico
CLAY—10 tons, Frankfurt, Adelaide
CORN FLOUR—101 tons, West Quechee, London
SUGAR—95 tons, West Quechee, London
COTTONSEED HULL SHAVING PULP—18 tons, Comedian, Manchester; 297 bls, Dramatist, Manchester
MEAL—40 sx, Santa Marta, Panama
DIATOMACEOUS EARTH—200 sx, Lysefjord, Kingston; 114 sx, Ulua, Havana
FIRECLAY—19 tons, Anhalt, Wellington; 200 sx, Contessa, Guayaquil; 7 tons, Frankfurt, Sydney
FOOD PRESERVER—5 tons, Ulua, Havana
GASOLINE—20 bbls, 29 dms, Sinaloa, Bluefields; 20 dms, Baja California, Bluefields; (Cadmus) 429 dms, Belize; 368 dms, 1,350 cs, Puerto Barrios
GLUCOSE—(Anhalt) 26 tons, Auckland; 5 tons, Wellington; 35 tons, Dunedin; 41 tons, West Quechee, London; 15 bbls, Ulua, Havana
GREASE, LUBRIC—10 dms, 4 ctns, Toloa, Puerto Barrios; 17 dms, 60 tins, Tegucigalpa, Vera Cruz; 15 dms, 20 pls, 90 ctns, Lysefjord, Kingston; (Santa Marta) 14 dms, 10 half dms, 20 qtr dms, Havana; 3 dms, 12 qtr dms, 2 ctns, Guayaquil
GYPSUM—6 dms, Tegucigalpa, Tampico
INK—2 tons, Santa Marta, Havana; 10 dms, Ulua, Havana
INSECTICIDE, LIQ—6 dms, Ulua, Havana
KEROSENE—23 dms, 80 cs, Sinaloa, Bluefields; (Santa Marta) 300 cs, Puerto Limon; 250 dms, 200 cs, Belize; 250 cs, 15 dms, Baja California, Bluefields; 50 cs, Toloa, Tela; 35 cs, Contessa, Puerto Cabezas; 35 cs, Cefalu, Puerto Cabezas; (Ulua) 24 dms, 40 ctns, 100 cs, Puerto Limon; 15 dms, Puntarenas
LARD—(Santa Marta) 700 tins, Santa Marta; 200 tins, Buenaventura; 300 tins, Guayaquil; 100 tins, Puerto Limon; 2,000 tins, Puerto Colombia; 10 trcs, 575 dms, 300 tins, Havana; 200 tins, Panama; 510 tins, 74 crts, Belize; 50 tins, Puerto Barrios; 580 tins, Toloa, Puerto Barrios; (Sixaola) 550 tins, 100 cs, 250 dms, Havana; 350 tins, Panama; 1,200 tins, Puerto Limon; 2,000 tins, Puerto Colombia; 500 tins, Santa Marta; 200 tins, Buenaventura; 12,000 tins, Guayaquil; (Lysefjord) 415 tins, 55 cs, 5 crts, Santiago; 2,600 tins, Puerto Colombia; 2,400 tins, Cartagena; (Contessa) 250 tins Panama; 600 tins, Puntarenas; 40 tins, Cefalu, Puerto Cabezas; 100 tins, 600 dms, Cadmus, Santiago; 500 trcs, Dramatist, Manchester; (Ulua) 687 dms, 85 crts, Havana; 245 cs, Cristobal; 340 cs, Corozal; 2,600 tins, Puerto Limon; 100 tins, Puntarenas; 300 tins, Santa Marta; 300 crts, 200 tins, Buenaventura; 675 tins, Guayaquil
MEDICINAL PREPS—5 bbls, Santa Marta, Havana
OIL, CREOSOTE—8 dms, Cefalu, Colon
FUEL—59 dms, Sinalos, Bluefields; 100 dms, Toloa, Puerto Barrios; 100 dms, Sixaola, Bocas del Toro; (Contessa) 325 bbls, Puerto Cabezas; 2,000 dms, Ceiba; (Cefalu) 33,600 gls, Puerto Cabezas; 4,200 bbls, Ceiba; (Cadmus) 100 dms, Belize; 50 dms, Puerto Barrios; 75 dms, Santa Marta, Puntarenas
LUBRICATING—(Anhalt) 27 tons, Auckland; 36 tons, Wellington; 14 tons, Lyttelton; 19 tons, Dunedin; 260 bbls, Laura C, Fiume; 100 dms, Munsterland, Shanghai; (Toloa) 38 dms, 30 crts, Puerto Barrios; 20 dms, Tela; (Sixaola) 92 ctns, 105 dms, Havana; 6 dms, Mollendo; (Tegucigalpa) 24 bbls, Tampico; 105 dms, 225 cs, Vera Cruz; 9 dms, Cefalu, Ceiba; (Frankfurt) 11 tons, Brisbane; 55 tons, Sydney; 8 tons, Melbourne; 16 tons, Adelaide; (Ermland) 25 tons, Kobe; 3 tons, Shanghai; 13 tons, Hongkong; (Santa Marta) 15 crts, 10 cs, 10 dms, Belize; 31 dms, Havana; 66 dms, 22 ctns, 9 cs, Guayaquil; 20 tons, Comedian, Liverpool; 16 bbls, Vigrid, Gdynia; 75 bbls, Dramatist, Liverpool
PINE—(Frankfurt) 1 ton, Sydney; 1 ton, Melbourne; 22 tons, Comedian, Manchester
REFINED—100 dms, 1,000 cs, Cadmus, Puerto Barrios; 300 cs, Ulua, Puerto Limon
PAINT—40 cs, Contessa, Buenaventura; 2 tons, Cefalu, Colon
ENAMEL—2 tons, Tegucigalpa, Tampico
PARAFFIN—150 sx, Sixaola, Havana; 1,510 sx, Tegucigalpa, Vera Cruz; 250 sx, Contessa, Tumaco; 2,500 sx, Morazan, Vera Cruz; 50 tons, Comedian, Manchester; 118 tons, West Quechee, London
PETROLATUM—12 tons, Comedian, Liverpool
PINETAR—16 tons, Frankfurt, Melbourne
PITCH—5 tons, Frankfurt, Melbourne
POTASH MURIATE—20 sx, Contessa, Ceiba
ROSIN—(Anhalt) 43 tons, Auckland; 25 tons, Wellington; 160 bbls, Auckland-Wellington-Dunedin; (Sixaola) 10 dms, Puerto Limon; 100 sx, Cartagena; 4 bbls, Sinaloa, Bluefields; (Contessa) 36 dms, Havana; 25 dms, Callao; 15 dms, Cefalu, Panama City; (Frankfurt) 53 tons, Sydney; 176 tons, Melbourne; (Santa Marta) 5 dms, Panama; 15 dms, Puerto Limon; 60 dms, 200 sx, Cartagena; 50 dms, Ulua, Valparaiso
GUM—5 dms, Santa Marta, Panama; 15 dms, Ulua, Puerto Limon
WOOD—(Sixaola) 100 dms, Havana; 65 dms, Puerto Limon; 100 dms, Cefalu, Talcahuano; 50 dms, Ulua, Guayaquil
SALT—(Santa Marta) 23 tons, Cristobal; 1 ton, Colon; 25 tons, Belize; 285 tons, Havana; 20 tons, Munsterland, Manila; (Sixaola) 82 tons, Havana; 1 ton, Puerto Limon; 50 tons, Cefalu, Havana; (Frankfurt) 10 tons; Sydney; 5 tons, Fremantle; 22 tons, Ulua, Cristobal
SHRIMP BRAN—(Sixaola) 20 sx, Colon; 100 sx, Panama; (Santa Marta) 20 ex, Cristobal; 80 sx, Panama
SOAP—100 ctns, Sinalos, Bluefields; 1 ton, Sixaola, Panama; 530 ctns, Contessa, Puerto Cabezas

SOAPSTOCK, COTTONSEED — 6 tons, West Quechee, London
SODA, CAUSTIC—22 tons, Cefalu, Havana
PHOSPHATE—36 bbls, Tegucigalpa, Tampico
SOYBEAN MEAL—22,396 bgs, Vigrid, Esbjerg
STARCH, CORN—11,442 sx, Dramatist, Manchester
POWDERED—1 ton, Santa Marta, Havana
SULPHUR—1 ton, Santa Marta, Belize; 364 sx, Morazan, Vera Cruz
TURPENTINE—(Anhalt) 8 tons, Auckland; 1 ton, Lyttelton; 4 tons, Dunedin; 60 cs, Sixaola, Havana; 3 dms, Lysefjord, Kingston; 10 dms, Contessa, Callao; (Frankfurt) 1 ton, Brisbane; 14 tons, Sydney; 8 tons, Melbourne; 3 tons, Adelaide
WAX, FLOOR—1 ton, Morazan, Vera Cruz
WOOD PRESERVATIVE—25 dms, Contessa, Ceiba; 2 tons, Ermland, Kobe

Norfolk Exports
Clearance Dates

Blommersdijk, January 11; Glaucus, January 9; Ingrid, January 7

BRONZE POWDER—2 bxs, Ingrid, St Thomas
CLEANER—4 bxs, Ingrid, Port of Spain
INK, DUPLICATOR—2 bxs, Ingrid, St Thomas
MICA, PULV—45 bgs, 4,590 lbs, Blommersdijk, Amsterdam
OIL, LINSEED, RAW—3 bxs, Ingrid, St Thomas
NEATSFOOT—1 bx, Ingrid, Port of Spain
SALAD—15 bxs, Ingrid, St Thomas
PAINT—59 pls, 41 bxs, Ingrid, St Thomas
ALUMINUM—4 bxs, Ingrid, St Thomas
PREPARED—2 bxs, Ingrid, St Thomas
PENTANE—8 dms, Ingrid, Georgetown
POLISH—20 bxs, Ingrid, Port of Spain
PUTTY—1 bx, Ingrid, St Thomas
SALT—8 bgs, Ingrid, St Thomas
SHELLAC—9 bxs, Ingrid, St Thomas
SOAP—40 bxs, Ingrid, St Thomas
FLAKE—1 bx, Ingrid, St Thomas
LAUNDRY—80 bxs, Ingrid, St Thomas
POWDER—100 bxs, 1 bbl, Ingrid, St Thomas
SODA, NITRATE—500 bgs, 55,115 lbs, Ingrid, St Thomas
CAUSTIC—15 bxs, Ingrid, Port of Spain, Trinidad; (Glaucus) 100 dms, 67,800 lbs, Belawan; 30 dms, 20,340 lbs, Palembang; 25 dms, 16,950 lbs, Sibalga; 13 dms, 10,170 lbs, Bosthaven; 30 dms, 20,340 lbs, Padang; 20 dms, 13,560 lbs, Tegal; 50 dms, 33,900 lbs, Cheribon; 250 dms, 169,500 lbs, Samarang; 500 dms, 339,000 lbs, Sourabaya; 300 dms, 203,400 lbs, Balik Papan; 40 dms, 27,120 lbs, Macassar; 10 dms, 6,780 lbs, Menado
STAIN—1 bx, Ingrid, St Thomas
TURPENTINE—5 bxs, Ingrid, St Thomas
VARNISH—3 bxs, Ingrid, St Thomas

Philadelphia Exports
Clearance Dates

Argentino, January 20; Barbara, January 19; City of New York, January 16; Cold Harbor, January 19; Cypria, January 19; Eurybates, January 24; Fernglen, January 23; Kaituna, January 16; Nagara, January 17; New Brunswick, January 17; Port Adelaide, January 21; San Bernardino, January 14; Tunaholm, January 13; West Cusseta, January 18; Zaandam, January 19

ALCOHOL, BUTYL—6 dms, Port Adelaide, Melbourne
ETHYL—173 bbls, Barbara, San Juan
ALUMINA SULPHATE — 140 bgs, Barbara, Aguadilla
ANTI-KNOCK COMP—10 dms, Tunaholm, Helsingfors
ASPHALT—20 dms, Cypria, Marseilles
BENZOL—33 dms, Argentino, Buenos Aires
BLACK, BONE—18 bgs, Tunaholm, Stockholm; (Port Adelaide) 20 bgs, Sydney; 10 bgs, Melbourne
LAMP—20 cs, Cold Harbor, Manchester
BLUE, MECHANICS'—1 ctn, City of New York, Port Elizabeth
BUTYL ACETATE—(Port Adelaide) 45 dms, Melbourne; 56 dms, Adelaide; 12 dms, Sydney
CARAWAY SEED—60 bgs, Zaandam, Rotterdam
CEMENT, FIBER — 12 dms, West Cusseta, Copenhagen; 2 dms, Fernglen, Bucharest
GASKET—4 ctns, San Bernardino, Panama; (City of New York) 24 ctns, East London; 2 cs, 9 ctns, Port Elizabeth
INSULATING—5 bgs, Eurybates, Manila
RUBBER—3 dms, West Cusseta, Copenhagen; 7 dms, 1 cs, Fernglen, Bucharest
RUNNING BOARD—4 ctns, City of New York, Port Elizabeth
CHEMICALS—1 bx, Kaituna, Melbourne
DICHLORODIFLUOROMETHANE—(Port Adelaide) 6 cyls, Brisbane; 2 cyls, Sydney
DRESSING, AUTO TOP—3 ctns, City of New York, Port Elizabeth
ENAMEL—5 ctns, City of New York, East London
ETHYL FLUID—30 dms, Fernglen, Piraeus
FIRE EXTINGUISHER, LIQ—36 cs, San Bernardino, Cristobal
FLUID, BRAKE, HYDRAULIC—3 dms, West Cusseta, Copenhagen; 4 ctns, City of New York, Port Elizabeth; 1 dm, Fernglen, Bucharest
SHOCK ABSORBER—22 ctns, City of New York, Port Elizabeth
GASOLINE—(New Brunswick) 1,000 cs, Cotonou; 6,000 cs, Dakar; 4,000 cs, 50 dms, Duala; 750 cs, Lome; 2,500 cs, Port Bouet; 1,200 cs, Sassandra; 2,000 cs, Conakry; 1,620 cs, Takoradi; 400 cs, Capecoast; 1,500 cs, Accra; 2,500 cs, 100 dms, Bissao; 1,800 cs, Monrovia; 3,000 cs, Lagos; 820 cs, Saltpond; 1,000 cs, 20 dms, Freetown; 250 cs, Calabar; 1,250 cs, Port Harcourt
GLAZE—2 pls, West Cusseta, Copenhagen
GREASE, LUBRIC — (Tunaholm) 3 bbls, Stockholm; 10 bbls, Gothenburg; 40 dms, 25 cs, Argentino, Santos; 4 dms, West Cusseta, Copenhagen; (San Bernardino) 5 pkgs, Panama; 85 dms, Lima; (Kaituna) 1 cs, Brisbane; 7 dms, 64 cs, Sydney; 10 dms, 10 cs, 5 qtr dms, Adelaide; (Cold Harbor) 1 dm, 1 kg, 12 pls, 3 cs, Manchester; 7 cs, Liverpool; (Port Adelaide) 7 dms, Sydney; 30 bxs, 12 dms, Fremantle; 20 dms, Melbourne; (New Brunswick) 15 cs, Sassandra; 4 cs, Monrovia; 95 cs, Dakar; 3 pkgs, Zaandam, Rotterdam; (Eurybates) 22 dms, Manila; 20 dms, Hongkong
INSECTICIDE—28 ctns, San Bernardino, Panama; 10 cs, New Brunswick, Dakar
KEROSENE—5 dms, Kaituna, Melbourne
LARD—(Tunaholm) 100 tubs, Stockholm; 50 tubs, Gothenburg
LICORICE PASTE—(Tunaholm) 10 cs, Gefle; 7 cs, Oslo; 10 cs, Port Adelaide, Melbourne
LINSEED CAKE—4,998 bgs, Zaandam, Rotterdam
METAL HARDENING COMP—11 dms, 3 bbls, Tunaholm, Stockholm
OIL, BURNING—5 dms, Kaituna, Adelaide
FUEL—(New Brunswick) 50 dms, Duala; 100 dms, Port Bouet; 50 dms, Sassandra
ILLUMINATING—(New Brunswick) 1,000 cs, Cotonou; 2,500 cs, Dakar; 3,500 cs, Duala; 750 cs, Lome; 500 cs, Port Bouet; 300 cs, Sassandra; 500 cs, Conakry; 500 cs, Takoradi; 100 cs, Capecoast; 500 cs, Accra; 800 cs, 30 dms, Bissao; 400 cs, Monrovia; 200 cs, Saltpond; 450 cs, Freetown; 250 cs, Port Harcourt
LARD—50 cs, San Bernardino, Cristobal
LUBRICATING—(Tunaholm) 2 crts, Stockholm; 10 dms, Bergen; 1 bx, Gothenburg; 5 dms, Abo; 30 dms, Helsingfors; 251 cs, Argentino, Santos; 8 dms, West Cusseta, Copenhagen; (San Bernardino) 37 ctns, Panama; 120 dms, Lima; 8 bbls, Puerto Colombia; 1 bbl, Guayaquil; 5 cs, 1 bx, Valparaiso; (Nagara) 736 dms, Osaka; 290 dms, Kobe; 152 pkgs, Dairen; 270 pkgs, Tientsin; (Kaituna) 1,405 dms, Brisbane; 407 dms, 25 qtr dms, 15 cs, Sydney; 463 dms, 15 ctns, 10 cs, Melbourne; 1,141 dms, 170 pls, Adelaide; (Cold Harbor) 35 dms, Liverpool; 30 bbls, Glasgow; (Port Adelaide) 303 dms, 1 bx, 1 cs, 31 ctns, Sydney; 4 bbls, 1 cs, 1,635 dms, Melbourne; 1,511 dms, 60 pls, 6 cs, Fremantle; 167 dms, Brisbane; 158 dms, Newcastle; (New Brunswick) 40 cs, 25 dms, Sassandra; 30 dms, 20 cs, Dakar; 45 cs, Conakry; 180 pkgs, Bamako; 5 dms, Grand Bassam; 5 cs, Grand Lahou; 85 pkgs, Port Bouet; 80 dms, Takoradi; 100 dms, Accra; 40 pkgs, Calabar; 3 dms, Port Harcourt; 1 cs, Lagos; 65 pkgs, Sapele; 120 pkgs, Burutu; 5 cs, Monrovia; 2 dms, Bissao; 20 dms, Cotonou; 75 pkgs, Bata; 555 pkgs, Las Palmas; 20 pkgs, Zaandam, Rotterdam; (City of New York) 5 ctns, East London; 65 pkgs, Tanga; 235 pkgs, Dar es Salaam; 1 pkg, Zanzibar; 185 pkgs, Mombasa; 2 ctns, Port Elizabeth; (Fernglen) 29 pkgs, Haifa; 14 pkgs, Jaffa; 5 pkgs, Jerusalem; 35 pkgs, Istanbul; 2 dms, Bucharest; (Eurybates) 691 dms, 850 cs, Manila; 80 dms, 20 cs, Hongkong; 190 dms, 164 cs, Iloilo; 60 dms, 185 cs, Cebu; 613 dms, 550 cs, Shanghai; (Cypria) 219 cs, 139 bbls, Lisbon; 5 bbls, Oporto; 1 cs, 2 dms, Casablanca; 22 dms, Algiers; 18 dms, Oran; 50 bbls, 9 dms, Marseilles; 95 dms, 115 cs, Haiphong
MINERAL—100 dms, Kaituna, Melbourne
NEATSFOOT — 2 bbls, San Bernardino, Guayaquil; 8 dms, Cold Harbor, Manchester
TANNER'S—1 bbl, San Bernardino, Guayaquil
PAINT—1 cs, 12 dms, 232 ctns, West Cusseta, Copenhagen; 6 ctns, San Bernardino, Panama; 3 ctns, City of New York, Port Elizabeth; 4 dms, Fernglen, Bucharest
PARAFFIN — 2,000 bgs, Argentino, Buenos Aires; (Eurybates) 150 cs, Manila; 500 cs, Haiphong; (Cypria) 100 bgs, Oporto; 1,000 bgs, Casablanca
REFINED—(Cypria) 300 bgs, Lisbon; 300 bgs, Oporto
SEMI REFINED—500 bbls, Nagara Maru, Tientsin
PIGMENT, DRY—25 bbls, Cold Harbor, Dublin
PITCH—276 dms, Cold Harbor, Manchester
COALTAR—5 pkgs, Zaandam, Rotterdam
POLISH—37 ctns, City of New York, Port Elizabeth; 113 ctns, San Bernardino, Panama
PUTTY—1 ctn, City of New York, Port Elizabeth
RADIATOR, FLUSH — 1 ctn, City of New York, Port Elizabeth
RUBBING COMP—2 cs, San Bernardino, Panama; 8 cs, City of New York, East London
SIZING MIXTURE—4 bbls, San Bernardino, Puerto Colombia
SOAP, AUTO—2 ctns, San Bernardino, Panama
COMMON—(City of New York) 14 ctns, East London; 4 ctns, Port Elizabeth
LIQUID—1 dm, San Bernardino, Panama
SODA, ASH—5 dms, Tunaholm, Stockholm; (Port Adelaide) 3 dms, Sydney; 1 dm, Melbourne
SOLVENT, VOLATILE—1 cs, Port Adelaide, Sydney
TANNING EXTRACT—10 bbls, Kaituna, Sydney
MATERIAL—(Kaituna) 9 bbls, Sydney; 18 bbls, Melbourne
TETRAETHYL LEAD—(Port Adelaide) 4 dms, Brisbane; 12 dms, Sydney; 9 dms, Melbourne; 4 dms, Fremantle; 3 dms, Adelaide
TIRE COATING COMP—3 ctns, City of New York, East London
VALVE GRINDING COMP—7 ctns, San Bernardino, Panama; (City of New York) 4 ctns, East London; 6 ctns, Port Elizabeth
VARNISH—1 dm, Port Adelaide, Sydney
ZINC TUNGSTATE, DRY—1 dm, Cold Harbor, Liverpool

Port Arthur Exports
Clearance Dates

Allister, January 7; Mirlo, January 13; Stella Lykes, January 11; Virgilia, January 13

ASPHALT, LIQ—4 cs, Allister, Guatemala City
PETROLEUM—(Stella Lykes) 2 bxs, Ciudad Trujillo; 10 dms, Arecibo; 1 bx, Aguadilla; 1 bx, Mayaguez; 1,000 dms, Port au Prince
BENZOL—1,747 tons, Virgilia, Thameshaven
CLEANER—2 dms, Stella Lykes, Arecibo
GASOLINE—(Allister) 525 bbls, 300 dms, Puerto Limon; 300 dms, 200 bbls, Barranquilla; 4,037 dms, Puntarenas; 550 bbls, Cristobal; 100 bbls, Panama; 200 dms, Corinto; 400 bbls, Turbo; 400 bbls, La Libertad; 300 bbls, Guatemala City; 100 bbls, Stella Lykes, San Juan; 1,960 tons, Virgilia, Antwerp
ANTI-KNOCK—974 tons, Virgilia, Antwerp
GREASE, LUBRIC—(Allister) 4 dms, Puerto Limon; 55 dms, Barranquilla; 6 cs, Puntarenas; 5 dms, 16 cs, Puerto Barrios; (Stella Lykes) 25 dms, Ciudad Trujillo; 2 cs, 8 dms, Arecibo; 7 cs, 5 crts, 6 dms, Ponce
KEROSENE—(Stella Lykes) 1,100 cs, Arecibo; 300 cs, Mayaguez
OCTANE—2,937 tons, Virgilia, Antwerp
OIL, DIESEL—100 dms, Allister, Puntarenas
FUEL—26,711 bbls, Mirlo, Flushing
LUBRICATING—(Allister) 17 dms, Puerto Limon; 65 dms, 1 cs, Barranquilla; 2 cs, Cristobal; 49 dms, 99 cs, Puerto Barrios
LUBRICATING, BLACK—(Stella Lykes) 51 dms, San Juan; 5 cs, Ponce
LUBRICATING, PALE—(Stella Lykes) 10 crts, 69 dms, San Juan; 27 dms, 4 cs, 7 ctns, Arecibo; 600 cs, Aguadilla; 7 dms, 4 ctns, Mayaguez; 46 dms, 40 ctns, 6 bbls, Ponce
PARAFFIN—(Allister) 104 bgs, Guatemala City; 100 bgs, Puntarenas
PAINT, PREPARED—(Allister) 2 dms, Cristobal; 6 dms, San Salvador

San Francisco Exports
Clearance Dates

Asama, January 7; Baldhill, January 2; City of Los Angeles, December 30; City of San Francisco, January 6; Curaca, January 5; Daiiti Ogura, January 7; Daini Ogura, January 5; Eskbank, December 30; Gaelic Star, January 5; Ida Bakke, January 7; Javanese Prince, January 3; Josephine Lawrence, January 3; Mariposa, January 5; Martin Bakke, December 30; Montgomery City, December 30; Nippon, January 8; President Hayes, January 7; Silvermaple, January 9; Tasmania, December 30; Vitus Bering, January 5; Wyoming, January 6; Yamabiko, January 6; Yamazuki, January 3.

ABRASIVE CLOTH—1 cs, Mariposa, Fiji Islands
ACID—20 crbys, President Hayes, Manila
BORIC—80 sks, Mariposa, Australia
NITRIC — 24 crbys, Eskbank, Philippine Islands
ALUMINA SULPHATE—2,400 sks, Josephine Lawrence, Ocean Falls
AMMONIA, ANHYD — 45 cyls, President Hayes, Manila
SULPHATE—10,161 sks, Silvermaple, Manila-Iloilo-Cebu
ANISE—1 sk, Curaca, Puntarenas
ASPHALT—88 sks, Eskbank, China; (Mariposa) 350 dms, Australia; 30 dms, Fiji Islands; (Javanese Prince) 1,937 dms, Shanghai; 480 dms, Saigon; (Silvermaple) 2,470 dms, Manila; 263 dms, Macassar; 515 dms, Sourabaya-Samarang-Batavia-Medan; 40 dms, Batavia; 250 dms, Singapore; 225 dms, Rangoon; 2,562 dms, Calcutta
CRUDE—264 sks, Wyoming, France; 78 sks, President Hayes, Osaka
BARYTES—100 sks, Mariposa, Australia
BAUXITE—1 sk, Josephine Lawrence, Ocean Falls
BIOLOGICALS—1 pkg, 2 cs, Mariposa, Australia
BITUMEN, MINERAL—122 bbls, Montgomery City, England
BLACK, CARBON—29 cs, Mariposa, Australia; 200 sks, 100 cs, Javanese Prince, Shanghai; (Silvermaple) 2 cs, Batavia; 10 cs, Sourabaya
BLUE, LAUNDRY—5 cs, Eskbank, Philippine Islands
BONE ASH—1 dm, Curaca, La Union
MEAL—60 sks, President Hayes, Manila
BORAX—40 sks, Eskbank, Philippine Islands
GLASS—3 cs, Curaca, La Union
POWDERED—10 bbls, Silvermaple, Manila
BRAKE FLUID—8 cs, President Hayes, Singapore
CALCIUM, GLUCONATE—4 pkgs, President Hayes, Rizal
PHOSPHATE TRI—(Mariposa) 12 sks, New Zealand; 67 sks, Australia
STEARATE—2 cs, President Hayes, Manila
CAFFEINE—3 cs, President Hayes, Hongkong
CAPSICUM, OLEORESIN—5 cs, Mariposa, Australia
CARBON, DECOLORIZING—1 bdl, President Hayes, Hongkong
CATTLE HOOFS—195 sks, Yamazuki, Osaka
CEMENT, FLOOR-COVERING—1 cs, Martin Bakke, Scotland; 2 cs, 20 pls, Silvermaple, Rangoon
LIQUID—50 dms, Mariposa, Australia
MAGNESIA—34 sks, Mariposa, Australia
PREPARED—(Mariposa) 2 cs, Australia; 1 cs, Samoa
RUBBER—133 gls, Javanese Prince, Manila
CHALK, PREPARED—(Silvermaple) 1 cs, Manila; 3 cs, Batavia; 4 cs, Bandoeng; 2 cs, Sourabaya
CHEMICALS—12 cs, 2 dms, Eskbank, Philippine Islands; 15 dms, 1 bbl, 6 cs, Mariposa, Australia; 3 cs, Javanese Prince, Saigon; (President Hayes) 15 dms, Hongkong; 5 kgs, Penang; 2 crbys, Jesselton; 60 cs, Kobe; 5 bbls, Manila; 5 cs, Singapore
CHLORINE BLEACH, LIQ—5 cs, Eskbank, Philippine Islands; 43 cs, Javanese Prince, Manila
CHLORINE, LIQ—32 cyls, Eskbank, Philippine Islands
CINNAMON—(Curaca) 25 bls, La Union; 25 bls, La Libertad; 30 bls, Acajutla; 5 bls, La Union
CLEANER—5 cs, Javanese Prince, Manila; 6 dms, Montgomery City, England; (Mariposa) 1 dm, New Zealand; 2 dms, Australia; 1 cs, Fiji Islands
CLOVES—2 bls, Curacao, Puntarenas
COCOA BUTTER—2 cs, President Hayes, Yokohama; 6 cs, Asama, Yokohama
COLLODION—1 cs, Eskbank, China
COLOR, DRY—6 bbls, Mariposa, Australia; (President Hayes) 8 kgs, Kobe; 6 kgs, Yokohama; 312 cs, Wyoming, Colombia; 210 cs, Silvermaple, Rangoon
CUMIN SEED—1 sk, Curaca, Puntarenas
DENTIFRICES—1 cs, Curaca, La Libertad; 15 cs, Silvermaple, Singapore
DEODORANTS—4 cs, 1 dm, Curaca, San Jose de Guatemala
DRESSING, LEATHER—25 pls, Silvermaple, Batavia
DYESTUFFS—9 dms, Eskbank, Philippine Islands
EGG YOLK, POWD—2 bbls, City of Los Angeles, Cristobal
ETHER—12 cs, Eskbank, China
EUCALYPTOL—1 cs, Mariposa, New Zealand
FILLER, WOOD—9 cs, Eskbank, Philippine Islands
FISH MEAL—200 sks, President Hayes, Manila; 200 sks, Silvermaple, Manila
FLY SPRAY—14 cs, Tasmania, Puerto Colombia; 2 dms, 34 cs, Silvermaple, Macassar
GASOLINE—20 dms, Curaca, Corinto
PLATE—1 cs, President Hayes, Hongkong
ROLLED—1 cs, Mariposa, Australia
GLUCOSE—60 bbls, President Hayes, Manila
GLYCERIN—2 dms, President Hayes, Singapore
GREASE, LUBRIC—27 pls, 4 cs, Tasmania, Puerto Colombia; 190 dms, Mariposa, Australia; (Curaca) 17 cs, Guatemala City; 4 dms, 14 crts, Puntarenas; 5 pls, Wyoming, Morocco; 10 dms, President Hayes, Singapore; (Silvermaple) 10 pls, 61 cs, Macassar; 3 dms, Rangoon; 500 lbs, Sourabaya
GUM, TRAGACANTH—1 bbl, Mariposa, New Zealand; 6 bbls, Mariposa, Australia
GYPSUM CEMENT—1 dm, Mariposa, Australia
HOPS—783 bls, Gaelic Star, United Kingdom
INK—1 cs, Mariposa, Samoa
ERADICATOR—1 cs, President Hayes, Al Khobar
LAUNDRY MARKING — 1 cs, President Hayes, Manila
PRINTING—13 kits, Javanese Prince, Manila; 5 dms, President Hayes, Singapore
INSECTICIDE—43 cs, Mariposa, Fiji Islands; 3 bbls, Curaca, Puntarenas
INVALID'S FOOD—4 bbls, Eskbank, China
KEROSENE — 20 cs, Curaca, Corinto; 3,408 bbls, Silvermaple, Calcutta
LACQUER—1 cs, Mariposa, Australia
THINNER—32 cs, 12 dms, Silvermaple, Calcutta
LEAD, RED—100 kgs, Silvermaple, Cebu; 150 kgs, Javanese Prince, Manila
WHITE—150 kgs, Silvermaple, Cebu
WHITE, IN OIL—250 kgs, Javanese Prince, Manila
LIMESTONE — 8 sks, Vitus Bering, Puerto Armuelles
LITHARGE—2 pls, Curaca, La Union
LUBRICANT—5 cs, Mariposa, Australia
MEDICINAL PREPS—12 cs, 3 dms, Mariposa, Australia; 1 cs, President Hayes, Bombay
VETERINARY—2 cs, Mariposa, Australia
MENTHOL—1 cs, Mariposa, New Zealand
METHYL CHLORIDE — 4 dms, President Hayes, Manila
SALICYLATE—1 cs, President Hayes, Hongkong
MILK POWDER—3 bbls, Eskbank, Philippine Islands
SUGAR—10 bbls, City of San Francisco, Havana
NUTMEGS—1 sk, Wyoming, Guatemala
OIL, BATCHING — 10,354 bbls, Silvermaple, Calcutta
COCONUT—33 bbls, 100 cs, Mariposa, New Zealand
10 dms, Curaca, San Jose de Guatemala
COCONUT, REFD—10 dms, City of Los Angeles, Havana
CYLINDER—5 dms, Javanese Prince, Saigon; 2 dms, President Hayes, Singapore; 15 dms, Silvermaple, Rangoon
DIESEL—430 tons, Javanese Prince, Hongkong
FUEL—2,010 bbls, Javanese Prince, Shanghai
GAS—3,038 bbls, Javanese Prince, Saigon
LINSEED—1 cs, 2 pls, Mariposa, New Guinea
LUBRICATING—30 dms, 9 cs, Tasmania, Puerto Colombia; 1 cs, 30 dms, Eskbank, Philippine Islands; 2,241 dms, Mariposa, Australia; (Javanese Prince) 21 dms, Saigon; 1,000 dms, Shanghai; (Curaca) 3 dms, 9 cs, 3 pls, Guatemala City; 7 dms, La Union; 22 dms, 39 cs, Puntarenas; (Wyoming) 80 dms, France; 7 dms, 5 pls, Morocco; 30 dms, Yamabiko, Pernambuco; (President Hayes) 100 dms, Singapore; 100 dms, Penang; 30 dms, Haiphong; 1 dms, Al Khobar; 120 dms, Bombay; 5 dms, Singapore; 100 dms, Ida Bakke, England; (Silvermaple) 10 dms, 10 cs, Macassar; 60 dms, 5 cs, Sourabaya; 2 dms, Madras; 5 dms, Samarang; 30 cs, 166 dms, Batavia; 145 dms, Pontianak; 2 dms, Pangkal Pinang; 80 dms, Palembang; 80 dms, Medan; 183 dms, 1 cs, Rangoon; 465 dms, Calcutta
PALE—2,820 bbls, Javanese Prince, Shanghai
PEPPERMINT—(Mariposa) 1 cs, New Zealand; 1 dm, Australia
PINE—6 dms, Mariposa, Fiji Islands
TRANSFORMER—6 cs, Mariposa, Australia
PAINT—67 cs, City of Los Angeles, Panama; 32 pkgs, Eskbank, Philippine Islands; 5 pls, 1 cs, Martin Bakke, Scotland; 62 cs, Wyoming, Colombia; (Silvermaple) 4 dms, 20 pls, Batavia; 60 pls, 34 cs, Singapore; 227 cs, 40 pls, Calcutta; 348 pls, 146 cs, Rangoon; 58 cs, 29 kgs, Manila
ENAMEL—8 cs, Eskbank, Philippine Islands
PASTE—5 cs, Eskbank, Philippine Islands
PREPARED—12 cs, Mariposa, New Guinea
1 cs, Silvermaple, Calcutta
PRIMERS—7 cs, Silvermaple, Calcutta
SOLVENT—2 dms, Silvermaple, Sourabaya; Samarang-Batavia-Medan
PAPRIKA—(Mariposa) 160 sks, Australia; 12 sks, New Zealand
PARAFFIN—1 cs, Mariposa, New Zealand
PEPPER, BLACK—1 sk, Curaca, Puntarenas
PERFUMERY—1 cs, President Hayes, Bombay
PETROLATUM—25 pls, 2 dms, Curaca, Guatemala City
PETROLEUM — 50 dms, Javanese Prince, Shanghai; (Silvermaple) 1 dm, Sourabaya; 15 cs, Batavia
CRUDE—66,280 bbls, Baldhill, Vancouver; (Daini Ogura) 75,000 bbls, Tokuyama; 75,000 bbls, Kure; 31,750 bbls, Nippon Kawasaki
POLISH—13 cs, Eskbank, Philippine Islands; 40 cs, Javanese Prince, Manila; 2 cs, Tasmania, Puerto Colombia; 20 cs, President Hayes, Manila.
POTASH XANTHATE—6 dms, Wyoming Chile
QUICKLIME—200 dms, Curaca, Corinto
REAGENT, FLOTATION—4 dms, Mariposa, Fiji Islands
RESIN—9 bbls, Mariposa, Australia
ROSIN, GUM—14 bbls, President Hayes, Yokohama
SACCHARIN—(Mariposa) 1 cs, New Zealand; 1 cs, Australia
SALT—800 cs, Mariposa, Australia
IODIZED—1,800 cs, Mariposa, Australia
SANTONIN CRYSTALS — 1 cs, Mariposa, Australia
SOAP—10 cs, Eskbank, Philippine Islands
DRY CLEANING—3 dms, Mariposa, New Zealand
LAUNDRY—5 cs, Javanese Prince, Manila; 500 cs, City of San Francisco, Curacao
POWDER—3 cs, Eskbank, Philippine Islands; 3 cs, Javanese Prince, Manila; 1 cs, Mariposa, Samoa; 2 cs, Curaca, Corinto
TOILET—1 cs, Mariposa, Samoa; 30 cs, Javanese Prince, Manila
SODA, BENZOATE—(Mariposa) 1 dm, New Zealand; 2 dms, Australia
CAUSTIC—2 dms, Mariposa, Fiji Islands
SILICATE—2 dms, Mariposa, New Zealand; 700 sks, Josephine Lawrence, Ocean Falls
META PHOSPHATE—145 sks, Mariposa, New Zealand
PHOSPHATE, TRI—(Mariposa) 1 cs, New Zealand; 1 cs, Australia
SOLVENTS—3 pls, Wyoming, France; 1 pl, 1 cs, President Hayes, Yokohama; 20 dms, 16 crts, Silvermaple, Calcutta
SPRAY—6 cs, Javanese Prince, Manila
SULPHUR DIOXIDE—1 dm, President Hayes, Manila
TALLOW—400 dms, City of Los Angeles, Havana
TAPIOCA, PEARL—2 sks, Curaca, Puntarenas
TESTING SOLUT—1 cs, Mariposa, New Zealand
TOILET PREPS—2 cs, Eskbank, Siam; (Mariposa) 4 cs, Suva; 2 cs, New Zealand; 22 bbls, 2 cs, Australia; 4 cs, New Guinea; 1 cs, City of San Francisco, Balbao; 1 cs, Javanese Prince, Shanghai; (President Hayes) 19 cs, Bombay; 800 cs, Manila; 2 cs, La Carlota; 4 cs, Silvermaple, Kuala Lumpur
TURPENTINE—1 cs, Mariposa, New Guinea; 10 dms, President Hayes, Kobe
VARNISH—1 cs, Mariposa, New Guinea
WATER, MINERAL—400 cs, President Hayes, Manila
ZINC DUST—100 dms, Mariposa, Australia; 10 cs, Curaca, La Union
HYDROSULPHITE — 100 dms, Josephine Lawrence, Ocean Falls

Savannah Exports
Clearance Dates

Macabi, January 16; Marchen Maersk, January 16; Mormactide, January 14; Sacarappa, January 16; Siamese Prince, January 13; Silvaplana, January 20; Silvernine, January 17; Steel Trader, January 16; Sundance, January 18; Tabinta, January 17.

CLAY—(Sacarappa) 880 bgs, Glasgow; 604 tons Hamburg; 3,320 tons, Manchester
GLUCOSE—195 bbls, Siamese Prince, Manila
INSECTICIDE—2 dms, Steel Trader, Alexandria
OIL, PINE—(Tabinta) 5 dms, Belawan Deli
1 dm, Batavia; 5 dms, Semarang
ROSIN—2 dms, Silverpine, Durban

ROSIN, GUM—(Silverpine) 15 bbls, Capetown; 25 bbls, East London; 10 bbls, Durban; 90 bbls, Lourenco Marques; (Mormactide) 150 dms, 117 bbls, Rio Janeiro; 200 bbls, Santos; 200 dms, Buenos Aires; 45 bbls, Steel Trader, Bombay; 150 bbls, Siamese Prince, Dairen; (Marchen Maersk) 280 bbls, Yokahama; 150 bbls, Kobe; 38 bbls, 30 dms, Osaka; (Tabinta) 400 bbls, Batavia; 50 bbls, Tjilatjap; 30 bbls, Padang; 125 bbls, Cheribon; 700 bbls, Semarang; 450 bbls, Sourabaya; (Sacaurappa) 635 bbls, Glasgow; 350 bbls, Liverpool, 185 bbls, Manchester; 150 bbls, Rotterdam

WOOD—30 bbls, Siamese Prince, Manila; (Tabinta) 200 bbls, Cheribon; 250 bbls, Semarang; 100 bbls, Sourabaya; 150 bbls, Batavia

SOYBEAN MEAL—40 bgs, Siamese Prince, Manila

TURPENTINE, GUM—(Silverpine) 30 cs, 130 dms, Capetown; 20 cs, East London; 120 cs, 7 dms, Durban; 50 cs, Lourenco Marques; 28 dms, Mormactide, Buenos Aires; 25 cs, Silvaplana, Rangoon; 50 cs, Marchen Maersk, Osaka; (Sacarappa) 300 bbls, Glasgow; 280 bbls, Manchester; 85 bbls, Rotterdam

WOOD—60 bbls, Sacarappa, Prague; 100 bbls, Siamese Prince, Manila

Tampa Exports

Clearance Dates

Goldfield, January 13; W M Delphia, January 18

BAKING POWDER—14 cs, Goldfield, Georgetown

BLOOD PURIFIER—1 cs, Goldfield, Georgetown

CLEANER—4 cs, Goldfield, Georgetown

DRUGS—6 bxs, 5 ctns, Goldfield, Georgetown

GASOLINE — 58 dms, Goldfield, Georgetown; 16 dms, W M Delphia, Belize

INVALID'S FOOD—11 cs, Goldfield, Georgetown

KEROSENE—23 dms, Goldfield, Georgetown

LYE—1 cs, Goldfield, Georgetown

MILK POWDER—1 cs, Goldfield, Georgetown

OIL, CASTOR—1 cs, Goldfield, Georgetown

SALT—2 sx, Goldfield, Georgetown

SOAP, LAUNDRY—19 cs, Goldfield, Georgetown

TOILET—3 ctns, Goldfield, Georgetown

SODA, BICARBONATE — 3 cs, Goldfield, Georgetown

STARCH, CORN—10 cs, Goldfield, Georgetown

TOILET PREPS—1 cs, Goldfield, Georgetown

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—45,977 bbls, Esso Bayonne, Baytown; 80,603 bbls, Cerro Ebano, Baytown; 75,596 bbls, W W Mills, Baytown

KEROSENE—46,441 bbls, Esso Bayonne, Baytown; 12,264 bbls, Cerro Ebano, Baytown

OIL, FUEL—75,777 bbls, Pan Florida, Providence; 26,418 bbls, Carrabulle, Carteret, N J; 83,263 bbls, E G Seubert, Philadelphia

OIL, GAS—74,453 bbls, Imlay, New York; 75,888 bbls, Sunbeam, Carteret, N J; 44,072 bbls, Dixiano, Carteret, N J

PETROLEUM, CRUDE—97,875 bbls, Thermo, Texas City; 71,526 bbls, Larry Doheny, Boston; 82,715 bbls, Cities Service Denver, Philadelphia; 23,756 bbls, Carrabulle, Carteret, N J; 95,969 bbls, Cities Service Boston, Philadelphia; (Dannedaike) 42,056 bbls, Texas City; 42,941 bbls, Baytown; 97,773 bbls, Western Sun, Baytown; 67,482 bbls, Beta, Texas City; 64,657 bbls, James McGee, Baytown; 109,991 bbls, Franklin K Lane, Baytown; 109,710 bbls, Walter Jennings, Baytown; 110,192 bbls, W C Teagle, Baytown; 30,576 bbls, Federal, Houston; 140,779 bbls, Charles G Black, Baytown; 52,388 bbls, Ruth Kellogg, New York; 31,188 bbls, Erinna, Baytown; 111,070 bbls, Charles Pratt, Baytown; 141,783 bbls, G Harrison Smith, Baytown

Cargo Ship Arrivals

January 21 to February 3

New York

Agwistar	Progreso*	Jan 23
Alberta	Trieste*	Jan 30
American Banker	London*	Jan 25
American Shipper	Manchester*	Jan 24
American Trader	London	Jan 30
Amor	Maracaibo*	Jan 23
Ancon	Cristobal*	Jan 30
Andania	Liverpool*	Jan 30
Argentina	Buenos Aires*	Jan 24
Arizonan	Portland*	Feb 2
Atenas	Puerto Barrios*	Jan 26
Aurania	Havre*	Jan 31
Azumasan	Manila*	Feb 3
Bacchus	Maracaibo	Jan 27
Balzac	Santos*	Jan 27
Belvedere	Genoa	Jan 25
Bertha Fisser	Hernosand*	Feb 2
Black Eagle	Rotterdam*	Jan 25
Black Hawk	Rotterdam*	Feb 1
Black Tern	Rotterdam*	Jan 24
Borinquen	Trujillo*	Jan 30
Buenaventura	Port au Prince*	Jan 23
Calypso	Maracaibo*	Jan 30
Cameronia	Glasgow*	Jan 29
Castilla	Puerto Barrios*	Jan 29
Champlain	Havre*	Jan 25
Chr Sass	Ibicuy	Jan 29
Cingalese Prince	Shanghai*	Jan 25
City of Norfolk	San Francisco*	Jan 30
City of Rayville	Calcutta*	Jan 23
City of San Francisco	San Francisco*	Jan 23
City of Worcester	Calcutta*	Feb 2
Coamo	Trujillo*	Jan 23
Conti di Savoia	Naples*	Feb 2
Deutschland	Hamburg*	Jan 27
Emilia	San Juan	Jan 30
Excambion	Beirut*	Feb 1
Exchester	Constanza*	Feb 1
Exminster	Istanbul*	Jan 23
Extavia	Istanbul*	Jan 30
Floridian	Portland*	Jan 23
Fort Amherst	St John's*	Jan 25
Georgic	Southampton*	Jan 29
Gripsholm	Gothenburg*	Jan 30
Hanley	Seattle*	Jan 31
Harpagon	Port Alberni*	Jan 26
Hektor	Buenos Aires	Jan 23
Henri Jaspar	Antwerp	Jan 30
Hollywood	Portland*	Jan 23
Idefjord	Oslo*	Feb 1
Ingria	Marseilles*	Feb 2
Jakob Maersk	Antwerp	Jan 23
Kaipara	Wellington*	Feb 3
Koenigsberg	Hamburg*	Jan 23
Komaki	Manila*	Jan 27
Lages	Santos*	Jan 23
Lancaster	Portland*	Jan 23
Lundby	Piraeus*	Jan 30
Mahimahi	Honolulu*	Jan 30
Mahseer	Calcutta*	Jan 31
Manhattan	Hamburg*	Jan 25
Mormacport	Gdynia*	Feb 1
Mormacsea	Gdynia*	Jan 29
Mormacstar	Diamente*	Jan 27
Nevadan	Tacoma*	Jan 27
New Orleans	Calcutta*	Jan 26
Nonsuco	Iloilo*	Jan 30
Noordam	Rotterdam*	Jan 30
Norden	Yokohama*	Jan 26
Nozima	Iloilo*	Jan 30
Orizaba	Vera Cruz*	Jan 29
Panaman	Tacoma*	Jan 30
Paul Luckenbach	Seattle*	Jan 31
Peter Kerr	Portland*	Jan 30
Pipestone County	Havre*	Jan 30
Polycarp	Bahia*	Feb 3
President Monroe	Kobe*	Jan 27
Puerto Rico	Ponce*	Jan 25
Quirigua	Port Limon*	Jan 29
Republic	San Francisco*	Jan 24
Ragnhild	Rotterdam*	Jan 26
Ragnhildsholm	Raumo*	Jan 26
Rio Pardo	Natal*	Jan 25
Samaria	Liverpool*	Jan 24
San Jacinto	La Romana*	Jan 30
Santa Barbara	San Antonio*	Jan 30
Santa Elena	Curacao*	Jan 30
Santa Lucia	San Antonio*	Jan 23
Santa Paula	Curacao*	Jan 23
Satartia	Dundee	Jan 25
Saturnia	Trieste*	Jan 31
Seatrain Havana	New Orleans*	Jan 24
Seatrain New York	New Orleans*	Jan 31
Simaloer	Singapore*	Jan 27
Soekaboemi	Macassar*	Jan 24
Southern Prince	Buenos Aires*	Feb 1
Susan V Luckenbach	Seattle*	Feb 2
Svaneholm	Norrkoping*	Jan 28
Tai Yang	Manila*	Jan 31
Talisse	Macassar*	Jan 31
Texas Ranger	Houston*	Jan 24
Texas Trader	Houston*	Jan 31
Texmar	Grays Harbor	Feb 2
Veendam	Rotterdam*	Jan 24
Veragua	Puerto Colombia*	Jan 26
Vigilant	Gdynia	Feb 1
Vito	Koilthottam*	Jan 27
West Irmo	Lagos*	Jan 27
Willmoto	Portland*	Jan 24
Wind Rush	Portland*	Jan 30
Yamabiko	Kobe*	Jan 23

* And other ports

Los Angeles Coast Trade

GASOLINE — 35,299 bbls, Mojave, Seattle; 7,872 bbls, San Diegan, San Diego; 10,856 bbls, Tejon, Portland; 6,608 bbls, San Diegan, San Diego; 45,498 bbls, Warwick, Oleum; 51,962 bbls, Agwiworld, Portland

OIL, DIESEL—11,706 bbls, Mojave, Seattle; 3,000 bbls, San Diegan, San Diego; 5,981 bbls, Tejon, Portland; 1,476 bbls, San Diegan, San Diego; 17,942 bbls, Agwiworld, Portland

FUEL—49,412 bbls, Torres, Portland; 2,572 bbls, Mojave, Seattle; 9,338 bbls, Texada, Seattle; 45,953 bbls, Brandywine, Longview; 52,309 bbls, Tejon, Portland; 65,559 bbls, Frank G Drum, Avon; 2,392 bbls, Coast Banker, Portland; 7,588 bbls, James Griffiths, Seattle; 37,449 bbls, Edwin B de Golio, Richmond

FURNACE—2,985 bbls, Mojave, Seattle

Recent Charters

FLAXSEED — 2,633 tons, S S East Wales, River Plate to St Lawrence, $4; February

MANGANESE — 7,000 tons, S S Reaveley, Vizagapatam to Fushiki; January

9,000 tons, S S ——, Durban to Antwerp or Rotterdam, 12s 6d; January-February

PETROLEUM———tons, Tanker (French), dirty, Iraq to Havre, 6s 4d; February

5,714 tons, S S Finnanger, dirty, Aruba to United Kingdom, Continent, 10s; February

14,500 tons, S S Skaraas, clean, Gulf to United Kingdom, Continent, 10s 3d; February

12,500 tons, S S Inverliffe, clean, Gulf to United Kingdom, Continent (two ports), 11s 3d; February

—— tons (tanker), dirty, Iraq to Havre, 6s 6d; February-March

5,397 tons, S S John Knudsen, dirty, Iraq to Havre, 6s 10d; February-March

5,091 tons, S S Swiftarrow, crude light, Gulf to North of Hatteras, 19c a barrel; January-February

—— tons (Mallory), crude light, Gulf to North of Hatteras, 19c a barrel; January-February

4,678 tons, S S Cities Service Kansas, gasoline, Gulf to North of Hatteras, 20c a barrel

—— tons, S S (Tidewater), Gulf to North of Hatteras, gasoline, 20c; kerosene, 21c; heating oil, 22c a barrel; January

—— tons, S S ——, kerosene, Gulf to North of Hatteras, 20c a barrel; January-February

5,191 tons, S S Eli Knudsen, Gulf to Malaga-Ceuta, 9s 10d; February-March

5,937 tons, S S Fenris, dirty, Gulf to French Atlantic, 9s 9d; February

3,435 tons, S S Solstad, clean, Constanza to Continent, 9s; February

12,000 tons, S S ——, dirty, Aruba to Mediterranean ports, 11s 3d; February

4,751 tons, S S Orion dirty, Venezuela to United Kingdom, Continent, 9s; February 1-15

PHOSPHATE ROCK—3,152 tons, S S Allende, Kossier to Japan; February

SODA NITRATE — 2,307 tons, S S Nyhaug, four to six months delivery Gulf, $1.20; January

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended January 25

Almonds, bitter, 20 bags; restricted use.
Carob beans, 200 boxes; worm-eaten.
Cassia oil, 31 drums; not U.S.P.
Codliver oil, 50 drums; below professed claim for Vitamin D.
Cod oil, 500 drums; restricted use.
Cumin seed, 100 bags; filthy.
Liver extract, 2 cases; not U.S.P.
Medicinal preparations, 111 boxes; new drug.
Medicinal preparations, 1 case; false and misleading statements.
Medicinal preparations, 1 case; false therapeutic claims.
Saffron, 4 tins; not N.F.
Sesame seed, 200 bags; wormy.

Los Angeles

Week Ended January 12

Hair dye, 72 pieces; coal tar dye without caution statement.
Medicinal preparations, 168 pieces; false therapeutic claims.

San Francisco

Week Ended January 12

Medicinal preparations, 3,000 pieces; false therapeutic claims.
Medicinal preparations, 24 pieces; new drug.
Medicinal preparations, 288 pieces; new drug; false thereapeutic claims.

Seattle

Week Ended January 12

Beverage, 96 bottles; artificially colored.
Medicinal preparations, 28 pieces; false therapeutic claims.
Poppy seed, 56 bags; filthy.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Black, carbon:—Agency; Shanghai, China (218).

Black, carbon:—Purchase and agency; The Hague, Netherlands (295).

Calcium cyanide:—Purchase; Famagusta, Cyprus (322).

Chemicals:—Agency; Alexandria, Egypt (252).

Chemicals:—Purchase and agency; The Hague, Netherlands (295).

Cosmetics:—Purchase and agency; Cairo, Egypt (286).

Oils, medicinal:—Purchase; Cairo, Egypt (219).

Petroleum Products:—Purchase and agency; Amsterdam, Netherlands (216).

Pharmaceuticals:—Agency; Cairo, Egypt (220).

Rosin:—Purchase and agency; The Hague, Netherlands (295).

Starch:—Agency; Copenhagen, Denmark (233).

Toilet preparations:—Purchase; Calcutta, India (302).

Obituaries

Carl F. Lomb

Carl F. Lomb, vice-president of Bausch & Lomb Optical Company, Rochester, died in his home in that city January 26 after a long illness.

Born in Germany, Mr. Lomb began his business career there in the wholesale and retail dry goods business, coming to the United States when he was nineteen years of age. In New York he secured a position with a banking firm but returned to Germany after a few years because of poor health. He later returned to this country to enter the employ of Bausch & Lomb, of which his cousin, Captain Henry Lomb, was a founder. He left the company to enter the employ of the Rochester German-American Insurance Company.

In 1888 a local enterprise in which the Bausch & Lomb firm was interested passed through financial difficulties. Mr. Lomb reorganized it under the name of the Office Specialty Manufacturing Company of Rochester and Toronto. This company later consolidated with the Yawman & Erbe Company, office supply manufacturers. Mr. Lomb was made a vice-president of the new concern. In 1910 he again became associated with the Bausch & Lomb firm and for many years was a vice-president.

Mr. Lomb was a widower, and no immediate relatives survive.

Dr. Albert Sauveur

Dr. Albert Sauveur, professor emeritus of metallurgy and metallography at Harvard University, died January 26. He was seventy-six years old. Dr. Sauveur, widely known as an author and editor of technical articles and publications dealing with the metallurgy of ferrous minerals, was a chemist and metallurgist in various steel works in the East while studying at the Massachusetts Institute of Technology, from which he graduated in 1889. Surviving him are a wife and two daughters.

Claude M. Badgeley

Claude M. Badgeley, for thirty-nine years a member of the sales organization of Charles Pfizer & Co., manufacturing chemist, this city, died December 22 at Boston, Mass. He was seventy-two years of age.

A native of New York State, Mr. Badgeley came to the Pfizer company in 1899, and at the time of his death was its New England representative with headquarters at Boston. During the period of his service, his duties took him to practically every part of the United States. His business acquaintanceships were nation wide. On April 10, 1924, he celebrated his twenty-fifth year with the company. He was a member of the Drug and Chemical Club, this city, and of the Boston City Club.

Funeral services were held at Macon, Ga., on January 24. Surviving him is his wife, Mrs. Clara M. Badgeley.

Clarence Newton Scott

Clarence Newton Scott, retired vice-president of the Texas Company, Houston, Tex., died in a hospital in that city January 24. He was seventy years of age. A native of Quebec, Mr. Scott entered in 1890 the employ of the Snow Steam Pump Works, Buffalo, which was organized by the Standard Oil interests, and subsequently became chief engineer of the company. He held that position for eighteen years, leaving in 1910 to join the Texas Company as chief consulting engineer. In 1917 he was made a vice-president of the company, retiring in 1922. Surviving are his wife, two daughters, two sisters, and a brother.

W. J. Welsh, Jr.

William John Welsh, jr., vice-president in charge of sales for MacAndrews & Forbes Company, licorice manufacturer, this city, died January 22 in his home in Forest Hills, L. I. He was sixty years old. Born in Scranton, Pa., Mr. Welsh was graduated from Lafayette College in 1903. He had been associated with the MacAndrews & Forbes organization for seventeen years. Surviving are his wife and two daughters.

Thomas J. Bryan, retired technical director of the General Foods Corporation, died January 23 in his home in Oak Park, Ill. He was sixty-nine years of age. Surviving are his wife and three children.

Dr. Tait Butler, for thirty years one of the editors of *The Progressive Farmer,* died January 13 in Memphis, Tenn., following more than a year of poor health. He was seventy-six years old. The American Farm Bureau Federation awarded him its medal for distinguished service to agriculture in 1934. He served as chairman of the National Fertilizer Conferences which were held at Louisville, Ky., in 1927, and at West Baden, Ind., in 1928.

Raymond Everest, a former member of the directorate of the Vacuum Oil Company, this city, and of which company his grandfather was a founder, died in his home in Plainsfield January 26 after a prolonged illness. He was sixty years of age. Surviving are his wife, a son and a daughter.

Clarence I. B. Henning, who retired six years ago as technical adviser of the munitions sales department of E. I. duPont de Nemours & Co., Wilmington, with which he had been associated for thirty years, died of pneumonia in his home in Berkeley, Calif., January 26. He was fifty-seven years of age.

Arthur N. Leeds, research associate in the botanical department of the Academy of Natural Sciences, died January 26 in his home in Philadelphia. He joined the staff of the Academy of Natural Sciences in 1896. Surviving are a brother and two nieces.

Marion H. Merriss, of the sales department of the ammonia division of E. I. duPont de Nemours & Co., Wilmington, died in his home in Ardentown, Delaware, January 19. He was forty-eight years of age.

Mrs. Ethyln Sloan Sheets, wife of Elmer A. Sheets, jr., treasurer of the Denver Chemical Manufacturing Company, this city, died January 23 in her home in Yonkers, N. Y. In addition to her husband, surviving are three daughters.

Novell Ryland Walker, who retired from McCormick & Co., Baltimore, several years ago, after having been affiliated with the company since 1892, died January 24. He was sixty-six years of age. His wife survives.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

OLD ESTABLISHED firm which has been successful in marketing by-products is interested in hearing from reliable concerns who are desirous of finding an outlet for their surplus products. BOX 272, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE.—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 233, Oil, Paint and Drug Reporter.

FOR SALE—Eleven units, each consisting of twelve one-gallon jars Paul O. Abbe pebble mills, with ¾ H. P. 110-220 volt motors, like new. One Bryant silica gel air conditioning unit for 5760 c.ft. phosphoric acid, aluminum phosphate, fluoride, hydrate, fluorspar, feldspar, cryolite; all original pkgs., one-two-ton lots. Baker & Co., Inc., 113 Astor street, Newark, N. J.

Equipment Offered

FIND what you want right in New York City. Pony mixers, post mixer, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers, Storms-Harvey Equipment Company, 123 Bleecker street, SPring 7-8955.

PEBBLE MILL, 30 gallon; 1 and 2½ gallon jar mills, 18 in. mushroom mill, 125 gallon stainless steel tank, 100 H.P. 125 pounds economic boiler. Lawler Engineering Company, Metuchen, N. J.

FOR SALE—Four Ross 21 in. paint grinders, $150.00 each; two Shriver plate filters, 30 x 30, $400.00 each. BOX 273, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, one story, 10,000 sq. ft., concrete floor, high ceiling, railroad siding, yard, live steam available, unrestricted district in Newark, N. J., low rent. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Factory Space

CHEMICAL MANUFACTURER will find unusual facilities 20 minutes from downtown New York. Unrestricted, ample 24-hour steam; railroad siding. BOX 261, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST WANTED for manufacturing perfume oils, flavors, must have knowledge of materials, to take full charge of production. Investment opportunity if desired. State fully, experience and qualifications. BOX 268, Oil, Paint and Drug Reporter.

Positions Vacant

CONCERN MANUFACTURING specialty paint products has openings for aggressive salesmen who must have thorough merchandising and selling experience. Send handwritten application with photograph (return of which is guaranteed) to BOX 271, Oil, Paint and Drug Reporter.

PAINT CHEMIST with at least five years experience, interested in doing technical sales service work, for an old established paint and varnish manufacturer, located in New York City. Must have a following in the maintenance and industrial fields. BOX 274, Oil, Paint and Drug Reporter.

WANTED SALESMEN—All territories to sell complete well-known line paints and varnishes, carry as side line only. Wonderful opportunity for those having contacts with hardware, paint dealers and jobbers. Liberal commissions. BOX 275, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST; young, single, B. S. Columbia. Experienced in manufacture, analyses and research of foods, drugs and cosmetics. Translate scientific French and German. Employed at present, but available immediately. Highest references. BOX 269, Oil, Paint and Drug Reporter.

PILL and tablet specialist, medicinal; efficient, practical and intelligent supervision of same, including general manufacture of all pharmaceutical, proprietary and veterinary preparations. Can furnish excellent references. BOX 270, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

CHECK INVENTORIES—Cash for any quantity, surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

HOT OFF THE PRESS....

The Winter Issue of "Consolidated News", listing the stock of the largest suppliers of Good Used Equipment* to the Chemical and Process Industries. *Send for your copy, today!*

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Plant: Newark, N. J. Cable: EQUIPMENT N. Y.

**See equipment in our classified listings above.*

Current Market Quotations

—Continued from page 19

Zinc—Zirconium

Zinc, sulphate, cryst., bgs., c.l.	100 lbs.	2.75	- —
l.c.l.	100 lbs.	3.60	- —
bbls., c.l.	100 lbs.	2.90	- —
l.c.l.	100 lbs.	3.65	- —
flake, bgs., c.l.	100 lbs.	3.10	- —
l.c.l.	100 lbs.	3.85	- —
bbls., c.l.	100 lbs.	3.25	- —
l.c.l.	100 lbs.	4.00	- —
powd., bgs., c.l.	100 lbs.	4.35	- —
l.c.l.	100 lbs.	5.10	- —
bbls., c.l.	100 lbs.	4.50	- —
l.c.l.	100 lbs.	5.25	- —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07⅞	- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08½	- —
bbls., c.l. (20 tons) dlvd.	lb.	.08½	- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08⅝	- —
Sulphocarbolate, NF, bbls.	lb.	.24	- .26
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15	- —
l.c.l., works	100 lbs.	5.50	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05	- —
l.c.l., dlvd., except Pac. cst.	lb.	.05½	- —
ex whse., Pac. ct.	lb.	.05¼	- —
Zirconium nitrate, kgs., works.	lb.	3.00	- 4.00
Oxide, crude, 70-75%, grd., bbls., works.	ton.	75.00	-100.00
white, 98%, rgd., kgs., works.	lb.	1.30	- 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 2 issue; the next printing will be in the February 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 29.

Phosphate Promotion By U.S. Recommended

—Continued from page 5

ernment acquire phosphate reserves in the Eastern States when possible.

The report, printed as "Senate Document 21", summarizes the information on phosphate reserves and the uses of phosphate fertilizer collected by the committee during its hearings following the adjournment of the last session of Congress. In a supplemental statement printed with the report, Representative Francis H. Case of South Dakota cautioned against unwarranted conclusions which might be drawn from the report. He says that phosphate reserves might be sufficient for 20,000 years; declares that there is no imperative reason for government development of phosphate deposits and no reason to recommend the curtailment of exports; and raises a number of questions concerning the propriety of the Federal government's going into the production and distribution of fertilizer beyond laboratory and demonstration scales.

Paint and Varnish Exchange Club will be addressed by R. J. Moore, of the Bakelite Corporation, at its regular meeting February 8 in the Brooklyn Engineers' Club.

J. Vincent Reardon, president of the Reardon Company, manufacturer of casein paints, St. Louis, is in St. John's hospital, that city, recovering from a surgical operation.

Contracts Awarded

Acid, Mixed:—180,000 pounds, awarded to E. I. duPont de Nemours & Co., Wilmington, by Picatinny Arsenal, N. J., at .00745c per pound; procurement 476, opened January 10.

Muriatic:—6,000 pounds; awarded to A. H. Mathieu & Co., Paterson, N. J., by the Picatinny Arsenal, N. J., at $1.65 per 100 pounds; procurement 486, opened January 5.

Nitric:—6,000 pounds; awarded to the Hercules Powder Company, Wilmington, by the Picatinny Arsenal, N. J., at 4.25 per 100 pounds; procurement 486, opened January 5.

Sulphuric:—200,000 pounds; awarded to the General Chemical Company, by the Picatinny Arsenal, N. J., at .00725c per pound; procurement 476, opened January 10.

Bids Wanted

Acid, Sulphuric:—30,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 668, opening January 31.

Alumina Hydrate:—1,000 pounds; Purchasing Agent, Government Printing Office, Washington; opening January 31.

Asphalt:—6 tons of petroleum; Quartermaster, Hamilton Field, Calif.; procurement 373-27; opening February 2.

50 tons; State Procurement Office, Treasury Department, Denver, Colo.; procurement 9455, opening February 2.

Bleaching Powder:—5,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 232, opening February 2.

Fertilizer:—75 tons; Warden, Federal Reformatory, Petersburg, Va.; procurement 314, opening February 2.

Lead, White:—2,000 pounds; State Procurement Office, Treasury Department, Raliegh, N. C.; procurement 7939, opening February 1.

Lime, Agricultural:—60 tons; Warden, Federal Reformatory, Petersburg, Va.; procurement 314, opening February 2.

Potash:—15 tons; Warden, Federal Reformatory, Petersburg, Va.; procurement 314, opening February 2.

Salt:—30,000 pounds for Boston; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5433, opening February 14.

15,000 pounds for Brooklyn; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5433, opening February 14.

24,000 pounds for Philadelphia; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5433, opening February 14.

50,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington, schedule 5433, opening February 14.

90,000 pounds for Puget Sound; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5433, opening February 14.

Scouring Compound:—60,000 pounds; Purchasing Agent, Post Office Department, Washington; procurement 1663, opening February 1.

Soap Laundry:—550,000 cakes; Quartermaster Depot, 1819 W. Pershing Road, Chicago; procurement 199-131, opening February 7.

1,584 pounds; Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement 5211-RS, opening February 3.

Soda Ash, Powdered:—28,000 pounds for Philadelphia and Norfolk; Bureau of Supplies and Accounts, Navy Department, schedule 5485, opening February 27.

6,900 pounds for Puget Sound and San Diego; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5485, opening February 27.

"It is later than you think!"

This familiar inscription on a sun dial startled us into the realization that only a few short weeks remain for us to clear out of our warehouse, lock, stock and barrel. Reason enough for us to cut drastically every former price.

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Wax:—10,500 pounds of paste floor; Depot Quartermaster, Marine Corps., Philadelphia, Pa.; schedule 446, opening February 6.

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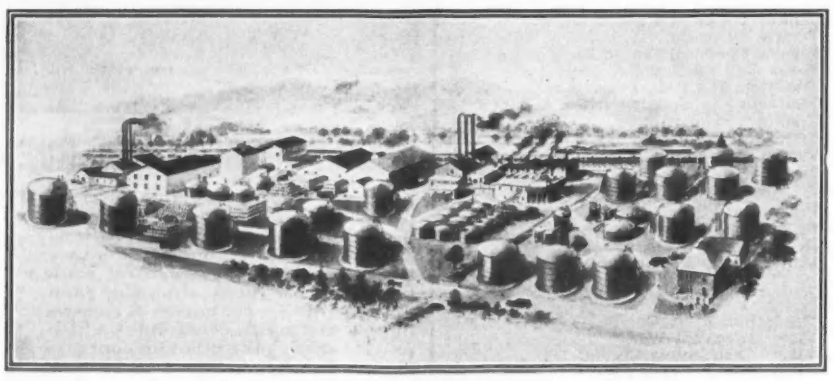

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